Lancaster Farming

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State DHIA welcomes new center

Sam Smith, left, Penn State dean of Agriculture and Oliver Butler, center, president of the state DHIA board cast history to the wind, Tuesday, as they officially open the state's new DHIA building at Penn State. Joining them in the historic ribbon cutting ceremony is Robert Patterson, right, senior vice president of Penn State.

BY DONNA TOMMELLEO

UNIVERSITY PARK — State and national DHIA officials gathered at Penn State, Tuesday, to officially open Pennsylvania's new $290,000 DHIA building, which more than doubled the size of the previous facility, said dairy Extension head Don Ace.

George Gramling, director of field services for the National DHIA was among several guests to help commemorate the special occasion. In an exclusive interview, Gramling revealed startling facts about an upcoming national DHIA program which could have a major impact on the dairy industry. His story appears on page A32.

Although Tuesday's ribbon cutting ceremony had to compete with high winds and hopefully the last snowstorm of the year, more than 50 people braved poor road conditions to witness the occassion.

For the first time in the Association's 70-year existence, the entire DHIA operation, from receiving to lab work, is housed in one facility. In 1970, one half of the new building, which contains the lab, began operating. The completed second half includes additional computer space, offices, the meter-testing room and the receiving area.

And it seems the new building was defintely timely. In March 1982, more than 310,000 samples were tested in the lab, the largest month in history, said Ace. The Association's 220 supervisors currently test about 6,000 herds.

The Extension chief recalled the Association's meager beginning which included just 22 farmers and 500 cows averaging about 5,000 pounds of milk, annually. In the 1940's, the state DHIA tested 49,000 cows producing about 8,500 pounds of milk a year. When the first half of the building opened 12 years ago, the Association was testing just less than 170,000 cows.

The increase in herd numbers and samples was accomplished, said Ace, with approximately the same number of supervisors.

Sam Smith, Dean of the College of Agriculture, tapped the new facility as a "tribute to cooperation," between the University, DHIA and producers. Smith said the completed building will promote "efficiency in a pleasant surrounding." Among other firsts, Smith noted that Pennsylvania was the first state to utilize computer recordkeeping.

President of the state DHIA board Oliver Butler, echoed Smith's sentiments but added that increased efficiency is a must, especially in today's economy. The Tioga County dairyman reported that key DHIA positions were lost due to retirements and a tightening budget blocked re-appointments.

According to Ray Pruss, DHIA administrative assistant, increased efficiency has become a reality in the expanded operation. Sophisticated computers have eliminated the time-consuming

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USDA says 'handle' Md. tobacco like Pa.

BY DICK ANGLESTEIN

TERRE HILL — Admitting the Lancaster County tobacco quota situation is unique, USDA officials apparently will give growers of Maryland tobacco a temporary period of grace of sorts this year.

But the key to this reprieve, which came out of a Monday morning meeting attended by several hundred growers, appears to center on how the Maryland tobacco is handled – planted, grown, harvested and marketed.

Essentially, if the Maryland tobacco is handled like Pennsylvania tobacco, which is exempt from quotas, the USDA officials see no problem.

But, particularly in the area of marketing, if significant amounts of Maryland tobacco end up in the burley trade channels, the same officials did not completely rule out quota penalities.

"It depends on what you're going to do with it," explained Thomas Von Garlem, assistant administrator of the USDA's Agricultural Marketing Service.

If you handle it the same, use similar cultural practices as Pennsylvania 41 and sell it into cigar channels, you won't have a problem with us."

But if too much shows up in the burley channels, there could be a problem, he still indicated

James Davis, director of USDA's Tobacco and Peanut Division, told the growers

"If you raise Maryland tobacco and sell it as Maryland tobacco, you're running into the law."

The USDA officials also held out little hope for new legislation introduced by Rep. Robert Walker to exempt Pennsylvania from the tobacco quota program.

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Co-ops contend with spring flush

LANCASTER — Is it Spring Flush, yet? According to a few dairy co-ops, the answers are yes, no and maybe.

"We're no where near surplus levels yet," remarked Milk Marketing Inc. manager Andy Langmyer.

"Our production was up some, but the cold spell seemed to knock it back down," he said. Langmyer explained that the large western Pennsylvania dairy co-op still has adequate outlets through either its three major plants or cheese plants in western Pa. and eastern Ohio.

Most of the milk produced in western Pa. is shipped to MMI's Orrville, Ohio plant. Langmyer said he doesn't expect conditions to tighten until the end of May.

Dairylea spokesman Bruce Snow remarked that in the past, the back-up created by Easter weekend was always a good indication of the severity of the remainder of the flush.

"This is not the case at the moment," he said.

Snow admitted his co-op was up in production but the organization's five manufacturing plants are in no danger of running out of space.

"In fact, if someone is looking for some extra space, for a price, they can give us a call," he offered

But below the Mason-Dixon line, space is not as plentiful.

R L Strock, general manager of Dairymen, Inc Mid-Atlantic division said things are getting tight

"We've had to ship milk out of the marketing area in varying degrees since Christmas " Strock explained

In anticipation of this year's

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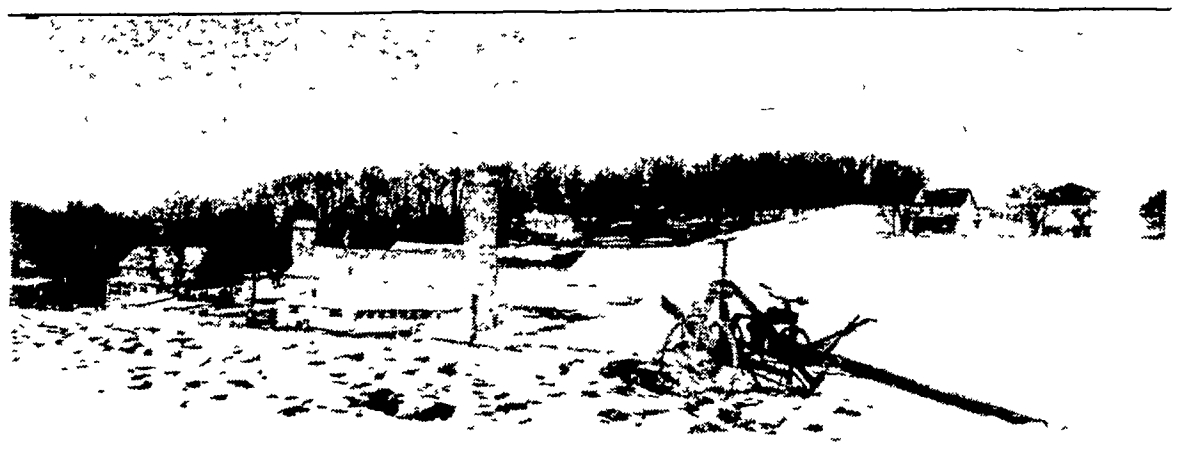

Just as another season of field activity was about to move into high gear, Mother Nature stepped in this week and caused a drastic shift in many agricultural plans. This solitary, silenced plow in the midst of a field of white graphically illustrates the results of the surprise spring snowstorm and near blizzard conditions that hit many areas. Even the tillers using a plow such as this, who often get a jump on their mechanized neighbors were brought to a standstill by the unseasonable storm and cold.

Livestock market and auction news

Lancaster Market

Monday, April 5
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	880	71	1036	1120
Last Monday	1757	91	911	1339
Last Year	1002	112	1034	763
Monday's Auction	943	81	957	1151
Last Monday's Auction	1576	96	903	1362

CATTLE: Compared to last Monday, high Choice and Prime slaughter steers 1.50-3.00 higher, Good to average Choice .50-1.00 higher, Standard fully steady; slaughter heifers firm to 1.00 higher; cows 1.00-2.00 higher; bullocks .50-1.00 higher; bulls 1.00-2.00 higher, Supply included 73 percent slaughter steers, 10 percent slaughter cows, 9 percent bulls, and 8 percent slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1180-1410 lbs. 70.25-73.10, 15 head 73.75-75.10; Good and Choice 1-2 1075-1300 lbs. 69.75-71.85; Choice 2-4 1050-1375 lbs 65.60-69.25, few 69.50-70.85; high Good and low Choice 2-3 63.50-66.50; Good 2-3 60.00-63.50; Good and Choice 1150-1485 lb. Holsteins 55.25-58.50, few Choice 60.50-61.25; Standard 1-2 53.00-55.50.

SLAUGHTER HEIFERS: Choice 2-3 860-1125 lbs. 61.00-65.50, few yield grade 2 66.00-66.75; Good 2-3 850-1100 lbs. 53.50-59.25.

COWS: Utility and Commercial 1-3 41.00-43.50, few 43.75-45.00; Cutter 1-2 40.00-42.50, few 42.50-43.75; Canner and low Cutter 37.00-40.00.

BULLOCKS: Choice 1050-1350 lbs. 58.75-61.75, couple 62.00-63.00; Good 1000-1275 lbs. 52.75-57.50.

BULLS: Yield grade 1 1350-2000 lbs. 51.75-55.75, few 57.50-59.75, couple 61.25-61.50; yield grade 2 1000-1350 lbs. 48.75-52.00.

VEAL CALVES: Vealers mostly steady, instances 5.00 higher on Choice and Prime special fed.

VEALERS: Prime special fed 260-350 lbs. 117.00-122.00; Choice 150-315 lbs. 95.00-105.00, few 105.00-112.00; high Good and low Choice 150-350 lbs. 75.00-95.00, 110-120 lbs. 52.00-70.00, 80-105 lbs. 42.00-52.00.

RETURNED TO FARM: Bulk 95-115 lb. Holstein bulls 70.00-75.00.

SHEEP: Supply mainly 20-50 lb. spring lambs sold to the Easter trade; slaughter ewes fully steady. Supply included about 75 goats sold by the head.

SPRING LAMBS: Choice 20-35 lbs. 115.00-137.00, few 140.00-152.50; 35-50 lbs. 85.00-105.00, few 105.00, few 105.00-119.00, few 50-65 lbs. 80.00-100.00; Good 20-45 lbs. 85.00-110.00

SLAUGHTER EWES: Utility and Good 17.00-26.00, few 28.00-32.00

GOATS: Bulk 35.00-45.00, few 50.00-60.00; several small kids 20.00-32.00.

Vintage Auction

Tuesday, March 23
Report supplied by USDA

	Cattle	Calves	Sheep
Today	937	598	248	20
Last Tuesday	1235	670	152	23
Last Year	1277	636	355	32

CATTLE: Compared to last Tuesday, slaughter steers uneven, high Choice and Prime weak to 1.00 lower, Choice firm, instances .50 higher, Standard and Good steady; slaughter heifers fully steady; cows firm to 1.00 higher, instances 2.00 higher; bulls not fully tested. Supply included 69 percent slaughter steers and 24 percent cows

SLAUGHTER STEERS· High Choice and Prime 3-4 1100-1400 lbs. 69.00-70.85, couple 72.35-73.00; Good and Choice 1-2 1050-1325 lbs. 68.25-71.75, five head 72.00-72.85; Choice 2-4 1025-1350 lbs. 65.75-68.75, few 69.00-70.00; high Good and low Choice 2-3 63.00-66.50; Good 2-3 60.50-63.25; Good and Choice 1150-1450 lb. Holsteins 55.00-59.50; Standard 1-2 52.00-55.50.

SLAUGHTER HEIFERS: Couple Prime 3 1370-1390 lbs. 72.10-72.50, individual 1145 lbs. 70.00; Choice 2-3 875-1100 lbs. 59.00-65.00; Good 950-1125 lbs. 54.00-59.00.

COWS: Utility and Commercial 1-3 42.75-46.00, several 46.25-48.00; Cutter 1-2 40.50-45.50, few 46.00-47.25; Canner and low Cutter 38.00-41.00

VEAL CALVES: Few Choice and Prime vealers firm to 5.00 higher, high Good and low Choice 70-115 lbs. unevenly steady. Supply included 360 in graded sale of which 76 percent sold to return to farm.

VEALERS: Couple Prime 200-340 lbs. 108.00-115.00; Choice 160-280 lbs. 95.00-105.00; high Good and low Choice 140-250 lbs. 65.00-90.00, 90-115 lbs. 45.00-57.00, 80-90 lbs. 40.00-47.00, few 55-80 lbs. 34.00-40.00.

RETURNED TO FARM: 43 head 100-120 lbs. Holstein heifers 114.00-117.00, 16 head 90-95 lbs. 82.00, and 25 head 70-90 lbs. 66.00-74.00; 16 head 120-125 lbs. Holstein bulls 75.50, 100 head 100-115 lbs. 78.00-82.50, 23 head 90-95 lbs. 59.50 and 50 head small frame 100-125 lbs. 56.00-64.50.

SHEEP: Supply mainly 20-75 lb. spring lambs sold to the Easter trade.

SPRING LAMBS: Choice 20-40 lbs. 108.00-126.00, couple 129.00-130.00; 40-60 lbs. 90.00-110.00, few 112.00-126.00; 60-77 lbs. 84.00-94.00.

GOATS: All goats sold by the head, mainly 15.00-22.00, couple 26.00-37.00.

Lancaster Auction

Wednesday, April 7
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	132	21	548	1
Last Wednesday	209	46	1066	9
Last Year	805	30	1037	19
Wednesday's Auction	104	21	549	1
Last Wednesday's Auction	136	29	818	34

CATTLE: Insufficient volume of any class for a market test.

SLAUGHTER STEERS: Few Choice 2-3 1150-1470 lbs. 65.50-68.50; high Good and low Choice 2-3 1050-1450 lbs. 63.00-65.75; Good 2-3 59.00-62.50.

SLAUGHTER HEIFERS: Choice 2-3 940-1025 lbs. 59.75-64.75; Good 2-3 900-1050 lbs. 55.00-60.00.

COWS: Utility and Commercial 41.50-44.00; Cutter 1-2 40.50-43.50; Canner and low Cutter 38.00-39.50.

BULLOCKS: Couple Choice 1300-1400 lbs. 57.00-59.00

BULLS: Couple yield grade 1 1300-1500 lbs. 56.00-57.25; couple yield grade 2 1200-1700 lbs. 49.50-52.00.

VEAL CALVES: No market test.

SHEEP: No market test.

New Holland Livestock

Thursday April 8

	Cattle	Calves	Sheep	Goats
Today	627	407	110	17
Last Thursday	1181	394	836	250
Last Year	1165	471	992	124

CATTLE: Compared to Last Thursday small supply slaughter steers mainly $2.00 higher; slaughter heifers 2.00-2.50 higher; cows firm to mostly 1.00 higher; bullocks firm to 1.00 higher; bulls 2.00-4.00 higher. Supply included 38 percent slaughter steers, 5 percent slaughter heifers, 43 percent cows, 8 percent bulls with the balance feeders.

SLAUGHTER STEERS: High choice, few prime 3-4 110-1375 lb. 70.00-71.60, couple 72.10-72.50; good and choice 1-2 1050-1425 lb. 69.75-71.10; choice 2-4 1050-1350 lb. 66.50-69.00, few 69.00-70.00; High good and low choice 2-3 975 1325 lb. 64.75-67.00; Good 2-3 61.00-64.50; good and choice 1200-1400 lb. Holsteins 52.00-54.75; few standard 1-2 48.00-52.00

SLAUGHTER HEIFERS: Choice 2 1050-1275 lb. 66.25-68.00; choice 2-3 900-110 lb. 61.00-66.00.

COWS: Utility and Commercial 1-3 41.00-43.50, few 44.00-46.00; cutter 1-2 39.75-42.75, few 43.00-43.50; canner and low cutter 37.50-40.25.

BULLOCKS: Choice 1200-1450 lb. 57,50-60.00; good 1000-1250 lb. 53.00-58.00

BULLS: Yield Grade 1 1350-2000 lb. 52.00-55.00, few 55.50-58.75; yield grade 2 1000-1375 lb. 49.50-52.50.

VEAL CALVERS: Vealers firm to 5.00 higher with some sale prime special fed 10.00-12.00 higher. Demand fair for holstein bulls to return to farm.

VEALERS: Prime Special Fed 290-375 lb. 122.00-130.00 choice 170-325 lb. 96.00-111.00; few 130-170 lb. 90.00-102.00; high good and low choice 140-350 lb. 75.00-93.00, 115-140 lb. 56.00-76.00, 80-110 lb. 42.00-54.00.

RETURNED TO FARM: Bulk 90-115 lb. holstein bulls 70.00-80.00, few 80.00-90.00.

SHEEP: Supply mainly 20-60 lb. spring lambs sold to the Easter trade slaughter ewes steady.

SPRING LAMBS: Bulk 20-30 lb. 150.00-170.00, few 170.00-180.00, 30-40 lb. 130.00-153.00, few 155.00-164.00, 40-55 lb. 109.00-129.00, couple 134.00-140.00

SLAUGHTER EWES: Utility and good 18.00-26.00

GOATS: All goats sold by the head mainly 32.00-43.00.

Lancaster County

Friday April 9,

	Cattle	Calves
This Week	2600	1100
Last Week	4931	1205
Last Year	4887	1254

CATTLE: Slaughter steers very uneven during the week, on Monday high choice and prime for Kosher trade 3.00-4.00 higher, large share of the advance lost on Tuesday and only a few on offer after Tuesday, good to average choice firm to 1.00 higher Monday and Tuesday, with Thursday's small supply 1.00-2.00 higher; slaughter heifers firm to 1.00 higher; cows firm firm to 1.00 higher with some early sales 2.00 higher; bullocks firm to 1.00 higher; bulls 2.00-4.00 higher than last weeks low close. Supply included 60 percent slaughter steers, 24 percent cows, 6 percent slaughter heifers and 6 percent bulls.

SLAUGHTER STEERS: High choice and prime 3-4 1100-1410 lb 69.00-72.00, with several on Monday 72.00-73.10 and about 15 head 73.75-75.10; good and choice 1-2 1050-1325 lb. 69.00-71.75, few 72.00-72.85; choice 2-4 1050-1375 lb. 65.60-69.00, few 69.00-70.00; high good and low choice 2-3 63.00-66.50; good 2-3 60.00-63.50; good and choice 1150-1485 lb. holsteins 55.00-59.25, few choice 60.00-61.25; standard 1-2 52.00-55.50, few 48.00-52.00

SLAUGHTER HIEFERS: Couple prime 3 1370-1390 lb. 72.10-72.50; choice 2 1050-1275 lb. 66.00-68.00; choice 2-3 875-1100 lb 59.00-66.00; good 2-3 850-1050 lb. 53.50-59.25.

COWS: Utility and Commercial

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Hog Markets

Lancaster Hogs
Lancaster Stockyards
Monday, April 5
Report supplied by USDA

HOGS: Compared to last Wednesday, barrows and gilts 1.00-1.25 higher.

BARROWS AND GILTS: US 1-2 205-245 lbs. 53.10-53.75, mainly 53.25-53.60; US 1 205-245 lbs. 54.00-55.00, few 55.25; US 1-3 200-265 lbs. 52.75-53.25.

Tuesday, April 6

TODAY	554
LAST TUESDAY	401

TREND: Compared to Monday, barrows and gilts .50-.75 lower. Supply mainly US 1-2 210-250 lbs. barrows and gilts.

BARROWS AND GILTS: US 1-2 205-250 lbs. 53.85-54.35; US 1 few 205-245 lbs. 54.75-55.50. US 1-2 couple lots 195-205 lbs. 53.25-53.75.

Wednesday, April 7

HOGS: Compared to Tuesday, barrows and gilts steady to mostly .25 lower.

BARROWS AND GILTS: US 1-2 2[illegible]50 lbs. 53.50-54.10; US 1-205-245 lbs. 54.25-55.50; Couple lots US 1-2 200-205 lbs. 52.60-52.75; US 1-3 210-260 lbs. 52.85-53.35; US 2-3 200-235 lbs. 51.85-52.50.

New Holland Hogs
Monday, April 5
Report supplied by USDA

Today	1359
Last Monday	1770
Last Year	907

TREND: Compared to last Monday, barrows and gilts .50-1.00 higher, instances 1.25 higher.

BARROWS AND GILTS: US 1-2 205-240 lbs. 53.00-53.50; US 1 205-245 lbs. 53.50-54.50; US 1-3 200-260 lbs. 52.75-53.25.

Lancaster Feeder Pigs
Tuesday, April 6
Report supplied by USDA

Today	1429
Last Tuesday	1125
Last Year	788

TREND: Compared to last Tuesday, US 1-2 feeder pigs weak to 5.00 lower, small supply US 2-3 mostly steady. All pigs weighed on arrival and sold by the [illegible]ndred weight.

US 1-2: 62 head 20-29 lbs. 142.50-150.00; 278 head 30-39 lbs. 126.00-145.00; 363 head 40-47 lbs. 118.50-131.00; 34 head 48-49 lbs. 101.00-114.00; 238 head 50-59 lbs. 103.00-124.00; 21 head 58-59 lbs. 92.00-99.00; 22 head 65-66 lbs. 81.00-85.00; 5 head 75 lbs. 77.00.

US 2-3: 41 head 26 lbs. 156.00; 147 head 30-39 lbs. 126.00-147.00; 45 head 40-49 lbs. 95.00-124.00; 24 head 51-57 lbs. 100.00-104.00.

New Wilmington Feeder Pigs
Friday, April 2

PIGS 982 - AVERAGED - 48 LBS./PIG—45.36/pig – 94.83 cwt. ALL SALES CWT. US No. 1-2 20-30 lbs. 110.00-140.00, 30-40 lbs. 106.00-126.00, 40-50 lbs. 90.00-117.00, 50-60 lbs. 77.00-96.00, 60-75 lbs. 63.00-91.00, 75-100 lbs. 55.00-73.00; No. 3 20-30 lbs. 100.00, 30-40 lbs. 95.00-120.00, 40-50 lbs. 101.00, 50-60 lbs. 80.00, 60-75 lbs. 71.00-74.00; US Utility 20-30 lbs. 50.00, 40-50 lbs. 40.00, 60-75 lbs. 34.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, April 3
Report supplied by auction

940 head.

U.S. #1 210-235 lbs. 53.75-54.50, few 54.75-55.75; U.S. 1 & 2 210-240 lbs. 52.75-53.25; U.S. 2 & 3 200-255 lbs. 52.00-52.60; Sows 300-450 lbs. 44.00-48.25, 450 lbs. and up 48.50-49.75; Boars 200-300 lbs. 44.00-47.00, 300 lbs. and up 39.50-41.00.

Peoria Hogs
Thursday, April 8
Report supplied by USDA

HOGS: 2000. Trading active. Receipts currently 400 under the early estimate. Barrows and gilts opening .50-1.00 higher than the bulk of Wednesday's sales. US 1-2 200-240 lbs. mostly 52.00-52.50, some 51.50; US 1-3 200-250 lbs. 51.50-52.00, some 51.00.

Sows under 450 lbs. mostly steady; over 450 lbs. 2.00-3.00 higher. US 1-3 350-450 lbs. 47.00-47.50, few 50.00; 450-500 lbs. 53.00-54.00; 500-650 lbs. 55.00, few 54.00.

Indianapolis Hogs
Thursday, April 8

HOGS: 1200. Barrows and gilts uneven, US 1-2 active, .25 instances .50 higher; US 1-3 slow, steady to weak, instances .50 lower. US 1-2 220-255 lbs. 52.00-52.50, 85 head 52.75; US 1-3 215-270 lbs. 51.00-51.75.

Sows active, .50 lower on couple lots but market not well tested. US 1-3 package 440 lbs. 45.00; small lot 550 lbs. 53.00.

Boars under 300 lbs. scarce; over 300 lbs. 44.50-45.50.

St. Louis Hogs
Thursday, April 8
Report supplied by USDA

HOGS: 3500. Trade fairly active, barrows and gilts .50-1.00 higher. US 1-2 220-250 lbs. 52.00-52.50; 200-220 lbs. 51.00-52.00; US 1-3 220-260 lbs. 51.50-52.00.

Sows .50-1.25 lower. US 1-3 300-450 lbs. 46.75-47.00; 450-500 lbs. 48.00-48.50; over 500 lbs. 53.00-55.00; some over 600 lbs. 55.50.

Boars over 300 lbs. 44.00; 200-300 lbs. 45.00.

U.S. Inspected Livestock Slaughter

Thursday, Apr. 8
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	462,000	43,000	1,349,000	102,000
Last Week	472,000	44,000	1,264,000	100,000
Last Year	469,000	39,000	1,505,000	96,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday Apr. 8)

	Corn	Wheat	Soybeans	Soybean Meal
May	2.80½	3.65	6.72½	190.20
July	2.91¼	3.74½	6.72	193.40
Sept.		3.88¼		
Oct.				197.00
Nov.			6.82¾	
Dec.	2.98¾			

Trend - Corn is higher, Wheat is higher, Soybeans are higher Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

New Holland Feeder Pigs
Wednesday, April 7
Report supplied by USDA
Feeder Pigs

Today	345
Last Wednesday	661
Last Year	742

TREND: Compared to last Wednesday, small supply feeder pigs 3.00-8.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 9 head 28 lbs. 172.00; 28 head 32-39 lbs. 148.00-156.00; 128 head 40-49 lbs. 118.00-134.00; 19 head 49 lbs. 110.00; 55 head 50-59 lbs. 106.00-114.00.

US 2-3: 7 head 25-30 lbs. 150.00; 29 head 31-37 lbs. 142.00-156.00; 22 head 44-48 lbs. 118.00-128.00; 6 head 50-57 lbs. 82.00-88.00.

Futures Trading

(Closing Bids as of Thursday Apr. 8)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Apr.	71.00	52.17	9.87
June	66.97	56.07	
Aug.		55.92	
Oct.	61.75		

Trend - Cattle are higher, Hogs are higher. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

J.M. HOOBER Inc.
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Your Livestock Broker Since 1895

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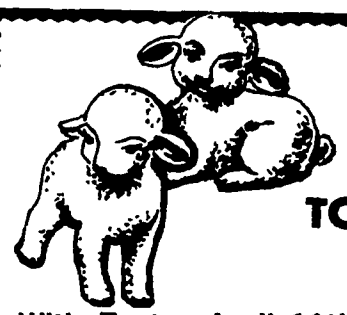


AN IMPORTANT NOTICE TO ALL CONSIGNORS OF LAMBS —

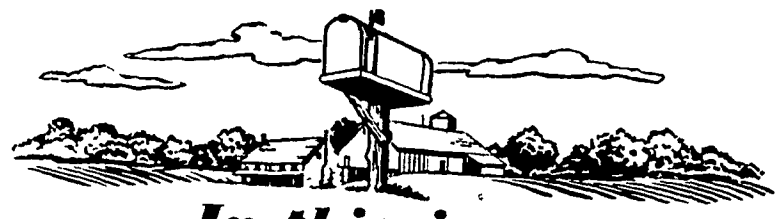
With Easter April 11th and the Greek Easter April 18th we recommend that your lambs be consigned on either Monday, March 29th, Monday April 5th or Monday, April 12th. All lambs will be sold at auction beginning at noon and will be sorted and weighed upon arrival.

Keep in mind these 3 Mondays for consigning your lambs — March 29th, April 5th and April 12th, and your consignments are respectfully solicited. Sorting and weighing will begin at 5 A.M.

For further information contact either Ken Smoker area 215-593-2123 (residence) or Glenn Kulp area 717-665-4614 (residence) or area 717-397-5136 (office).

NEXT FEEDER PIG SALE
Tuesday, April 13 at 1:00 PM

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An old Line Commission Firm keeping abreast with the times



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Poultry Markets

N. E. Weekly Shell Egg Report

Tuesday, Apr. 6
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X		UNAVAILABLE		
N. HAMP.	80-86	80-86	70-76	52-58
Mostly	82-85	82-85	72-75	54-57
R.I.	89-90	89-90	79-80	61-62
VERMONT	87-99	87-98	77-89	–
Mostly	89-90	88-89	79-81	–
MAINE	87-88	87-88	77-78	59-60

X Includes Central and Western Sections only

Eastern Pa. & N.J. Poultry

Thursday, April 8
Report supplied by USDA

MARKET COMMENT

Slaughter schedules heavy for next 2 weeks with some plants booking for week of April 26 Currently brown egg layers bringing 11 cents F O.B plant Canner movement slow Heavy type offerings spotty

Prices Paid at Farm

Light Type Hens 7½-9, mostly 8

F O.B Plant 10-11, mostly 10

Heavy Type Hens At Farm 13-15½

F O B Plant 16-17½, mostly 16-17

Philadelphia Eggs

Thursday, April 8
Report supplied by USDA

MARKET COMMENT: Prices unchanged compared to week ago Cartoned egg orders good as retail stores fill in prior to Easter Inventories are generally adequate and most dealers expect fairly good clearance Where eggs are differed, price concessions given to attract interest Large sizes barely steady to steady, mediums weak

Prices to Retailers Sales to volume buyers, consumer grades white eggs in cartons delivered store door

A Extra Large 76-79, A Large 75-78 A Medium 68-71½

Baltimore Eggs

Thursday April 8
Report supplied by USDA

MARKET COMMENT Demand fair to good Supplies adequate Undertone unsettled

Cartoned Eggs Prices to retailers state graded (min one case sale) white

Grade A Large	76-81
Grade A Medium	70-75

Lancaster Farming

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, April 6
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.10-1.20 per lb.

MUSCOVY DUCKS, HENS: range .98-1.16 per lb.

RED FOWL: 4-5 lbs. range .30-.38 per lb.

RED FOWL: 5-6 lbs. range .38-.52 per lb.

CROSSBRED FOWL: 5-9 lbs. range .38-.46 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .50-.72 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .54-.70 per lb.

GUINEA FOWL: range 1.58-1.66 per lb.

BANTY ROOSTERS: range 2.25-3.50 ea.

BANTY HENS: range 1.00-1.35 ea.

GEESE: 9-11 lbs. range .74.-78 per lb.

PIGEONS: range 1 00-1.30 ea.

WHITE PIGEONS range 2.00-2 60 ea.

RABBITS: 4-6 lbs range .40- 98 per lb

RABBITS 7-10 lbs range 30-.68 per lb

GUINNEA PIGS range 25-1.00 ea

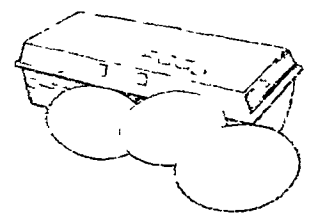
GOATS range 22 00-57.00 ea

KID GOATS 13 00-36.00 ea

BUNNIES range 35-2 50 ea

DUTCH BUNNIES range 3 00-5 25 ea

TOTAL AMOUNT COUPS 905



Delmarva Poultry

Thursday, April 8
Report supplied by USDA

MARKET COMMENT RTC movement fairly good overall and plants are cleared for long holiday weekend Parts in much same position Advance interest spotty but improved Slaughter schedules moderate with most plants down for Good Friday Live supplies fully adequate

Today's [illegible] asking prices unchanged to one cent higher on [illegible] Grade A at 48-50 cents [illegible] paid to average

Estimated slaughter of broilers in Delmarva 690

Estimated 47[illegible] 577 Actual [illegible] Average weights 4[illegible] 3.30 lb

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and
BAUMS MEAT PACKING
Will Receive Your
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DANVILLE LIVESTOCK MARKET
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- We will receive your hogs from 8 AM to 12 Noon every Monday Your hogs will be weighed and paid for immediately
- We will also accept your sows & boars
- Your cattle will be received from 12 Noon to 4 PM We will either pay for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted on your check
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day
- Please come and give us a chance to continue doing business with you through this method

FOR INFORMATION CALL
717-275-2880

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Apr. 6 Tuesday	Apr. 8 Thursday
Class 1 - Large	48 lbs.	53	53
Class 2 - Large	45 lbs.	52	52
Class 3 - Medium	42 lbs.	46½	46½
Class 4 - Small	39 lbs.	42	40
Breaking Stock	48 lbs.	43	42
Checks	48 lbs.	38½	37½

Weekly New York Egg Market

From Friday, Apr. 2 to Apr.9

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	78	78	78	78	78
Ex Large	77	77	77	77	77
Large	76	76	76	76	76
Mediums	70	70	70	70	70
Pullets	57	57	57	57	57
BROWN					
Jumbo	91	91	91	91	91
Ex Large	85	85	85	85	85
Large	84	84	84	84	84
Mediums	75	75	75	75	75
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	65	65	65	65	65
Checks	35	35	34	34	34

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His hopes and promise for all mankind shine anew during this time of rebirth. May you experience Easter joy and peace to the fullest.

Mayer's CHICKS, INC.

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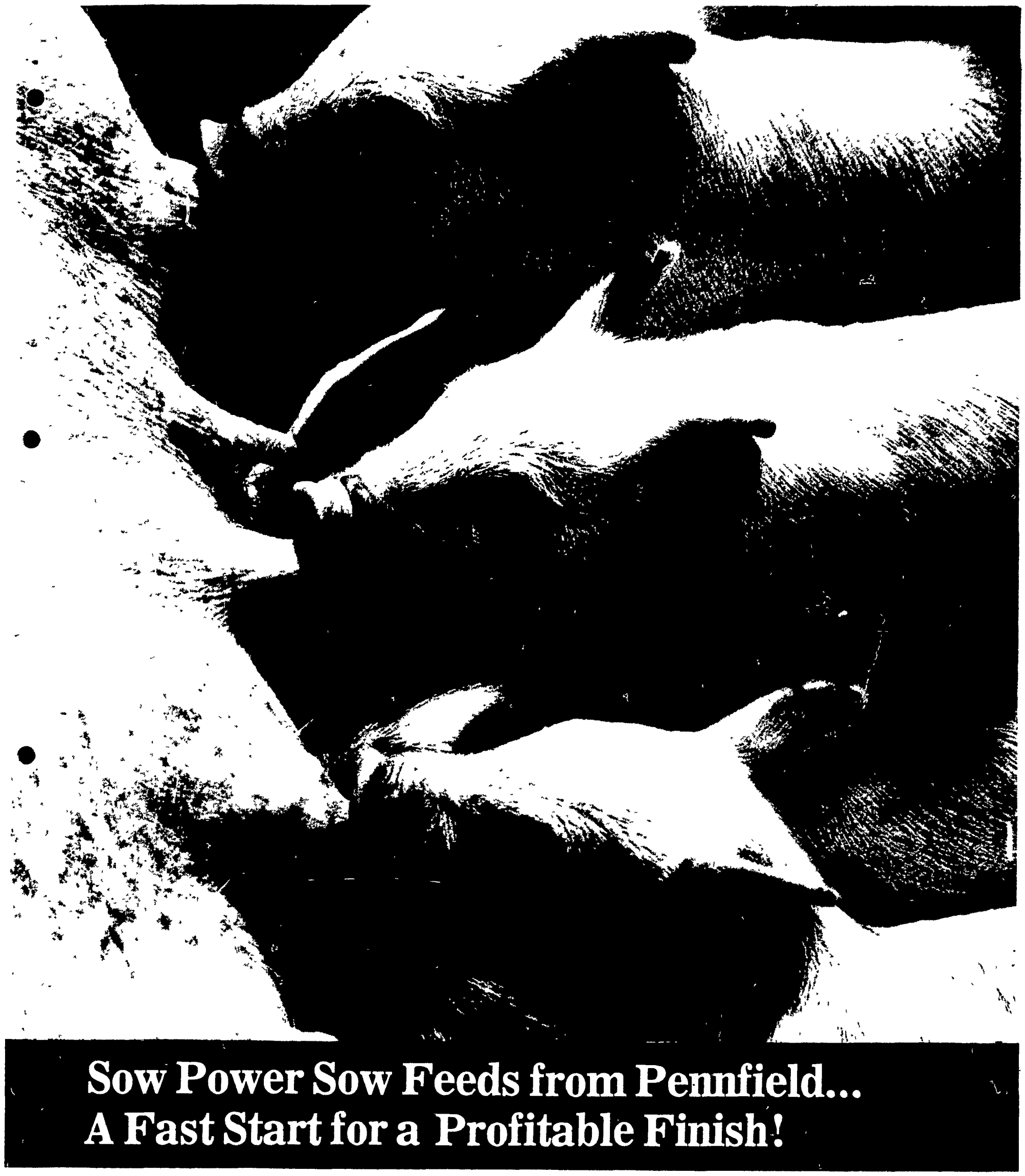
(215) 536-3155

HUBBARD WHITE MT BROILERS



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Livestock market and auction news

Hay Markets

New Holland Hay
New Holland Sales Stables
Monday, April 5
Report supplied by auction

191 loads.

Market higher on all hay, straw and grain.

Alfalfa choice 160.00-200.00, medium quality 130.00-160.00, few loads first cutting with rain damage 90.00-110.00; Alfalfa Mixed 101.00-149.00; Clover & Timothy choice 140.00-165.00, medium 110.00-140.00; Timothy choice 125.00-150.00, medium 100.00-125.00; Clover 98.00-134.00; Straw 65.00-75.00, few up to 83.00, low was 61.00; two Fodder 50.00 & 54.00; Oats 2.50 bu.; Ear Corn 74.00-88.00; Lost Posts $4 ea.

Good's Hay
Leola, Pa.
Wednesday, April 7
Report supplied by auction

89 loads.

Mixed 111.00-194.00; Alfalfa 100.00-212.00; Timothy 100.00-150.00; Straw 61.00-73.00; one Orchardgrass 142.00; one Clover 125.00; Corn 80.00-121.00; Rye 2.05 bu.

Green Dragon Hay
Ephrata, Pa.
Friday, April 2
Report supplied by PDA

80 Loads Hay & 31 Loads Straw.

Alfalfa 101.00-180, few down to 93.00; Mixed hay 85.00-155, few 180.00; Timothy hay, few 97.00-131.00; Clover, 2 Loads 114.00 & 155.00; Grass, few 85.00-145.00; Straw 53.00-66.00; Ear Corn, 9 loads 75.00-79.00; Corn Fodder, 1 load at 57.00; Oats, 3 loads 2.20-2.40 per bu.

Regional Hay
Friday, April 2
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw slow, mostly steady.

Alfalfa 95.00-125.00; Mixed hay 75.00-85.00; Timothy hay 70.00-85.00; Straw 40.00-50.00; Mulch 40.00-50.00.

New Wilmington Auction
Friday, April 2
Report supplied by PDA
New Wilmington, Pa.

PRICES PER TON:

58 loads Hay and 12 loads Straw.

Alfalfa 141.00-169.00, one at 120.00; Mixed hay 90.00-115.00; Timothy Hay, 90.00-110.00; Clover, few 89.00-114.00; Straw 41.00-55, one at 72.00; Ear Corn, 4 loads 73.00-87.00.

Frederick Co. Hay
Buckeystown, Md.
Thursday, April 8
Report supplied by auction

38 loads.

Market on better hay steady to strong.

Fancy Alfalfa 161.00-175.00, 1 damaged alfalfa 59.00; 1 fancy Timothy & Alfalfa 150.00; two Fancy Timothy 127.00 & 146.00; 2 good Timothy 93.00 & 111.00; 1 fancy Clover 125.00, 1 good Clover 94.00, 1 damaged Clover 50.00; 2 good Orchardgrass 77.50 & 93.00, 2 dark Orchardgrass 53.00 & 56.00; 5 good Mixed 92.00-100.00; 4 dark Mixed 50.00-87.50; 1 Bromegrass 77.50; 1 Straw 75.00; 1 Ear Corn 73.00, 1 load sawed Locust Post 3.10 ea.; Round Locust Posts 2.40-2.60 ea., small round Locust Post 1.00-1.30 ea.

Belleville Auction
Wednesday, March 31
Report supplied by PDA
Belleville, Pa.

PRICES PER TON: March 31, 1982.

30 Loads Hay & 10 Loads Straw.

Alfalfa 110.00-190, mostly 135.00-172.50; Mixed Hay 87.00-160.00; Timothy Hay, 1 load at 140.00; Straw 51.00-60.00, few 69.00.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, April 6
Report supplied by auction

16 loads.

Alfalfa 140.00 — 191.00, Mixed 99.50-162.00; one Timothy 100.00; Straw 55.00 — 57.00; one pickup load of straw 68.00.

Kiester's Hay
Middleburg, Pa.
Tuesday, April 6
Report supplied by auction

5 loads of Hay: Mixed 98.00-111.00; Alfalfa 104.00-141.00.

2 loads of Straw 35.00 & 45.00.

1 load of Ear Corn 79.00.

Pa. Grain
Monday, April 5
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn uneven, mostly steady to 5 cents higher. Wheat unevenly steady. Barley, Oats & Ear Corn steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.60-2.85, average 2.74; Wheat No. 2 range 3.55-3.80, average 3.65; Barley No. 3 range 2.00-2.30, average 2.21; Oats No. 2 range 2.10-2.30, average 2.19; Soybeans No. 1 range 6.15-6.35, average 6.23; Grain Sorghum No. 2 range 2.15, average 2.15; Ear Corn range 72.00-77.00, average 74.50.

Central Pa.

Corn No. 2-y range 2.60-2.75, average 2.68; Wheat No. 2 range 3.55-3.60, average 3.46; Barley No. 3 range 2.05-2.25, average 2.16; Oats No. 2 range 1.90-2.10, few reported 2.30, average 2.04; Grain Sorghum No. 2 range 2.40, average 2.40; Ear Corn range 70.00-75.00, average 71.30.

South Central Pa.

Corn No. 2-y range 2.50-2.70, average 2.62; Wheat No. 2 range 3.20-3.40, few reported 3.75, average 3.37; Barley No. 3 range 2.10-2.20, few reported 2.40, average 2.21; Oats No. 2 range 2.10-2.30, average 2.19; Ear Corn range 65.00-75.00, average 71.00.

Western Pa.

Corn No. 2-y range 2.55-2.75, few reported 2.40, average 2.60; Wheat No. 2 range 3.20, average 3.20; Barley No. 3 range 2.25, average 2.25; Oats No. 2 range 2.00-2.10, average 2.05; Ear Corn range 65.00-71.00, average 68.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.55-2.85, average 2.70; Wheat No. 2 range 3.25-3.70, average 3.53; Barley No. 3 range 2.05-2.30, average 2.20; Oats No. 2 range 1.90-2.30, average 2.12; Ear Corn range 70.00-76.00, average 72.63.

Special Horse Sale
New Holland Sales Stables
Friday, April 2
Report supplied by auction

244 head.

2 loads work horses & mules, TN., work pairs 2250.00-2850.00, singles 1000.00-1550.00, mules pairs 1100.00-2025.00, singles 675.00-1225.00.

N.Y. driving 650.00-1300.00.

Pa. driving 500.00-1750.00.

Iowa work horses pairs 2450.00-2800.00, singles 775.00-1050.00.

N.Y. driving 600.00-1000.00.

N.J. driving 825.00-950.00.

Pa. work singles 700.00-1250.00.

Ky. driving 725.00-1025.00.

N.Y. driving 460.00-650.00.

Iowa work singles 925.00-1250.00.

Local: driving 550.00-1125.00; work pairs 2350.00-3500.00, singles 900.00-1400.00; few mares in foal 900.00-1750.00; mules pairs 1800.00-2600.00, singles 700.00-925.00.

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* BICEP
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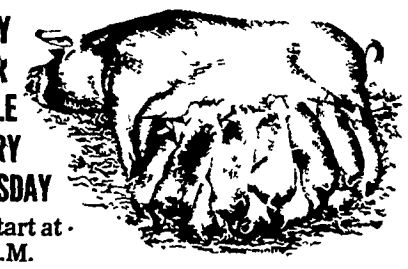

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1:30 P.M.
We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held Every Thursday At 3:30 P.M.
NORMAN KOLB 717-397-5538
ABE DIFFENBACH 717-393-4464

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ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.
50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.
Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55
WE NOW HAVE BREEDING DATES
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Local Trucker Available
No Hogs Sold On Commission
CHRIST A. BEILER
R.D. 2, Quarryville, Pa.
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
NEXT SALE DATE MAY 14

Livestock market and auction news

Westminster Livestock Auction

Westminster, Md.
Tuesday, March 30
Report supplied by auction

BUTCHER COWS: Steady to $1 lower. High Yield 41.00-43.00, 1 at 44.25; Standard & Utility 39.00-41.00; Canners 37.00-39.50; Shelly 37.00 Down. Bulls 1 Good 2300 lbs. at 53.00; Medium 1100-1400 lbs. 47.75-49.00; Steers Choice 900-1100 lbs. 63.50-67.50; Good Holsteins 1100-1400 lbs. 56.00-58.50. Several Choice 800-925 lbs. 60.00-64.00.

BUTCHER HOGS: Good run - 50 cents lower. US #1&2 215-240 lbs. 50.00-50.50; US 1&3 240-260 lbs. 47.00-49.00; US 2&3 44.00-46.00.

SOWS: Over 500 lbs. 46.75-48.75; 350-500 lbs. 44.00-47.00; thin 35.00-40. BOARS 400-650 lbs. 39.00-39.25.

VEAL CALVES: Light weights $5 lower. Choice 90.00-105.00; Good 80.00-90.00; Killers 80-100 lbs. 45.00-50.00; Weak & Rough $45.00 Down.

CALVES RETURNED TO FARM: Holstein Heifers Several 100-115 lbs. 80.00-100.00; Holstein Bulls 95-125 lbs. 52.00-70.00; Beef Type 80-110 lbs. 55.00-69.00.

STOCK CATTLE: Good run - steady prices. Steers Few 300-500 lbs. 62.00-70.00; 500-700 lbs. Choice 60.00-65.00; 700-800 lbs. few to 58.00; 800-900 lbs. Holsteins 45.00-48.00; Heifers 300-500 lbs. Choice 52.00-57.00; Good 48.00-52.00; Med. 43.00-48.00; 500-700 lbs. Choice 50.00-54.50; Good 45.00-50.00. Bulls Few 200-350 lbs. 60.00-64.50; 500-700 lbs. 50.00-57.00.

PIGS AND SHOATS: Larger run - good demand! By the Head 20-40 lbs. 20.00-43.00; 40-70 lbs. 35-53; By the Lb. 150-170 lbs. 48.00-49.00; St. Boars 200-260 lbs. 37.00-45.00; Spring Lambs 25-50 lbs. 85.00-102.50; 50-60 lbs. 80.00-100.00; 65-85 lbs. 76.00-91.00; one lot 117 lbs. at 81.00; Sheep 18.00-23.00; Kid Goats 9.00-38.00 per head.

Next Week: Special Lamb and Goat Sale, April 6 7:00 P.M.

Eighty-four Auction

Eighty, Pa.
Monday, April 5
Report supplied by PDA

CATTLE 245. Compared with last Monday's market, slaughter cows 75 cents to $1 higher. Choice slaughter steers 63.00-66.00, Good 58.75-62.50. Few Choice slaughter heifers 62.00-65.25, Good 55.00-58.00. Utility & Commercial slaughter cows 40.50-44.50, few to 47.50, Commercial No. 4-5 38.00-42.00, Cutters 37.00-41.00, Canner & Low Cutter 32.00-37.00, Shells down to 26.00. Yield Grade #1 1400-2300 lbs. slaughter bulls 51.00-57.50; yield grade #2 1300-1650 lbs. 45.00-50.50. Few Medium Frame #1 470-650 lbs. feeder steers 58.00-62.50; Medium Frame #1 400-600 lbs. feeder heifers 50.00-54.00.

CALVES 256. Choice vealers 87.00-104.00, Good 73.00-88.00, Standard & Good 110-130 lbs. 58.00-74.00, 90-110 lbs. 50.00-60.00, 60-85 lbs. 33.00-50.50, Utility 50-90 lbs. 18.00-31.00. Farm calves, holstein bulls 90-120 lbs. 55.00-78.00; holstein heifers 55.00-80.00.

HOGS 64. Barrows & gilts 50 cents to mostly $1 higher. US No. 1-2 200-240 lbs. barrows & gilts 51.80-52.40, No. 1-3 190-260 lbs. 51.00-51.80, No. 2-3 260-320 lbs. 44.00-46.00. US No. 1-3 300-500 lb. sows 47.00-50.50, No. 2-3 400-600 lbs. 44.00-47.50. Boars 26.00-33.00.

FEEDER PIGS 0. No sales on offer.

SHEEP 644. Choice 25-40 lbs. spring slaughter lambs 74.00-85.00, 45-65 lbs. 71.00-78.50, few 70-80 lbs. 78.00-81.50, Good 25-65 lbs. 67.00-77.00; Good 80-100 lbs. wooled slaughter lambs 50.00-53.00, Utility 50-55 lbs. 40.00-45.00. Slaughter sheep 6.00-23.00.

GOATS 77. 15.50-41.00 per head.

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, April 6
Report supplied by PDA

CATTLE 95. Compared with last Tuesday's market, slaughter cows uneven, mostly 50 cents to 75 cents lower on a small supply. Few Good slaughter steers 59.00-63.25, Good & Choice holsteins 58.75-61.00, one at 63.00, Standard 52.00-58.25. Few Standard & Good slaughter heifers 54.10-57.75. Utility & Commercial slaughter cows 40.00-42.35, few to 44.25, Cutters 37.00-40.50, few Canner & Low Cutter 34.50-37.25. One Good slaughter bullock at 53.75, few Standard 52.25-54.00 Few Yield Grade #1 1465-1585 lbs. slaughter bulls 52.25-54.75. Lot Large Frame #2 740 lbs. holstein feeder steers 47.50.

CALVES 115. Few Choice vealers 86.00-93.00, few Good 79.00-87.00, Standard & Good 90-115 lbs. 48.00-51.00, 65-90 lbs. 40.00-49.00. Farm calves, holstein bulls 90-120 lbs. 75.00-88.00; few holstein heifers 100-110 lbs. 65.00-70.00.

HOGS 150. Barrows & gilts mostly 25 cents higher. US No. 1-2 200-255 lbs. barrows & gilts 51.85-52.35, No. 1-3 190-255 lbs. 51.00-52.00, lot 187 lbs. at 50.00. US No. 1-3 280-500 lbs. sows 44.00-46.25, few No. 2-3 300-490 lbs. 40.25-43.25. One Boar at 37.00.

FEEDER PIGS 13. Lot US No. 1-3 16 lbs. feeder pigs 102.00 cwt., few No. 1-3 25-55 lbs. 54.00-65.00 cwt.

SHEEP 14. Choice 25-55 lbs. spring slaughter lambs 85.00-96.00, lot 42 lbs. 114.00. Few Slaughter sheep 10.00-18.00.

GOATS 9. 23.00-30.00 per head.

New Wilmington Auction

New Wilmington, Pa.
Monday, April 5
Report supplied by PDA

CATTLE 236. Compared with last Monday's market, slaughter cows strong to 50 cents higher. One Choice slaughter steer at 64.00, few Good 57.00-61.50, Standard 52.00-57.00. One Choice slaughter heifer at 61.50, few Good 54.00-55.00, few Standard 45.50-51.00. Utility & Commercial slaughter cows 38.50-42.25, Cutters 36.00-40.00, Canner & Low Cutter 29.50-36.50, Shells down to 22.00. Yield Grade #1 1250-1880 lbs. slaughter bulls 46.25-50.00; yield grade #2 1000-1360 lbs. 40.50-45.00. Large Frame #2 475-850 lbs. feeder steers 40.00-48.50, Medium Frame #1 450-700 lbs. 50.00-56.50; Medium & Large Frame #1 350-575 lbs. 43.00-53.00, few No. 2 340-450 lbs. 40.00-43.50; Medium & Large Frame #1 420-660 lbs. feeder bulls 42.00-53.00.

CALVES 302. Vealers about steady. Few Prime vealers 100.00-101.00, Choice 86.00-100.00, Good 70.00-88.00, Standard 51.00-68.00, Standard & Good 90-120 lbs. 39.00-55.00, 65-85 lbs. 33.00-42.00, few Utility 50-90 lbs. 29.00-33.00. Farm calves, holstein bulls 95-135 lbs. 50.00-70.00; holstein heifers 75-110 lbs. 61.00-95.00.

HOGS 704. Barorws & gilts $1 to $1.50 higher. US No. 1-2 210-250 lbs. barrows & gilts 51.30-52.70, No. 1-3 200-260 lbs. 50.00-51.50, No. 2-3 200-270 lbs. 48.00-50.00, No. 1-3 180-195 lbs. 43.00-48.00. Sows about steady. US No. 1-3 265-655 lbs. sows 42.00-49.00, few 50.75, few No. 2-3 300-450 lbs. 37.00-41.50. Boars 35.00-42.75.

FEEDER PIGS 66. US No. 1-3 10-25 lbs. feeder pigs 16.00-19.00 per head, few No. 1-3 35 lbs. 31.00-32.00, Utility 30-35 lbs. 10.00-13.00 per head.

SHEEP 775. Choice 30-40 lbs. spring slaughter lambs 62.00-78.00, 40-60 lbs. 60.00-79.00, 65-85 lbs. 66.00-76.00, mixed Good & Choice 20-50 lbs. 50.00-65.00; Choice 70-105 lbs. wooled slaughter lambs 56.00-59.00, Good 60-80 lbs. 46.00-54.00. Slaughter ewes 10.00-24.00.

Middleburg Auction

Middleburg, Pa.
Tuesday, April 6
Report supplied by auction

CATTLE 275. Choice slaughter steers 65.60-68.75, Good 60.00-65.00, Standard 55.00-60.00, Utility 45.00-55.00. Choice slaughter heifers 62.00-65.60, Good 55.00-62.00, Standard 50.00-55.00, Utility 42.00-50.00. Utility & Commercial slaughter cows 38.00-45.10, Cutters 36.00-42.85, Canner & Low Cutter 32.00-36.00. Shells down to 30.00. Good slaughter bullocks 52.00-56.85. Yield Grade #1 1200-2085 lbs. slaughter bulls 52.00-57.75; yield grade #2 800-1200 lbs. 45.00-52.00. Medium Frame #1 400-800 lbs. feeder steers 45.00-67.00.

CALVES 102. Choice vealers 85.00-95.00, Good 75.00-85.00, Standard & Good 90-110 lbs. 45.00-55.00, 70-90 lbs. 35.00-45.00. Farm calves, holstein bulls 95-120 lbs. 60.00-98.00; holstein heifers 80-140 lbs. 60.00-90.00.

HOGS 568. (Monday, April 5, 1982). US No. 1-2 210-235 lbs. barrows & gilts 53.50-55.00, No. 1-3 190-250 lbs. 52.00-53.50, No. 2-3 190-270 lbs. 51.25-52.00. US No. 1-3 300-550 lbs. sows 46.50-52.00, No. 2-3 270-400 lbs. 38.00-45.50. Boars 200-600 lbs. 33.75-38.00.

FEEDER PIGS 160. US No., 1-3 10-20 lbs. feeder pigs 20.00-39.00 per head, No. 1-3 20-40 lbs. 39.00-49.00 per head.

SHEEP 43. Choice 20-40 lbs. spring slaughter lambs 85.00-115.00; Good 50-85 lbs. wooled slaughter lambs 45.00-65.00. Slaughter ewes 22.00-32.00.

Dewart Auction

Dewart, Pa.
Monday, April 5
Report supplied by PDA

CATTLE 214. Compared with last Monday's market, slaughter cows steady to 75 cents higher. Few Choice 1100-1500 lbs. No. 2-4 slaughter steers 64.75-67.50, Good 57.25-63.00, Standard 52.00-56.75. Choice slaughter heifers 60.25-65.00, few Good 56.75-59.75. Utility & Commercial slaughter cows 39.25-43.10, few 44.60, Cutters 37.50-41.00, Canner & Low Cutter 34.50-38.00, Shells down to 24.50. Few Yield Grade #1 930-1900 lbs. slaughter bulls 40.75-53.00. Few Large Frame #2 500-650 lbs. feeder steers 52.00-60.00; few Medium Frame #1 400-550 lbs. feeder heifers 50.00-52.00.

CALVES 208. One Prime vealer at 106.00, Choice 83.00-94.50, few Good 65.00-82.00, Standard & Good 70-100 lbs. 45.00-51.00. Farm calves, holstein bulls 90-125 lbs. 55.00-81.00, couple to 91.00; holstein heifers 90-120 lbs. 60.00-110.00.

HOGS 422. Barrows & gilts 50 cents to $1 higher. US No. 1-2 200-230 lbs. barrows & gilts 53.00-54.10, No. 1-3 200-250 lbs. 51.50-53.00, No. 2-3 235-265 lbs. 50.50-51.00, No. 1-3 170-195 lbs. 49.00-49.75. US No. 1-3 350-550 lbs. sows 48.25-51.25. Boars 38.00-42.50.

FEEDER PIGS 190. US No. 1-3 25-50 lbs. feeder pigs 38.50-50.00 per head, No. 1-3 60-75 lbs. 55.50-63.00 per head.

SHEEP 88. Choice 30-70 lbs. spring slaughter lambs 61.00-72.00, few to 96.00, few 100-130 lbs. wooled slaughter lambs 54.00-60.00, Good 30-70 lbs. spring slaughter lambs 45.00-55.00. Slaughter ewes 15.00-23.00.

GOATS 20. Kids 11.00-34.00 per head.

For quotations of next week's prices
call collect 215-488-7617
After 2:00 P.M. Wednesday

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

APRIL 12-18, 1982

Cold reason tells it's mud season.

Income taxes due Thursday President Taft threw out first baseball to open season April 14, 1910 Last quarter of moon April 16 (Fri)

Average length of days for the week, 13 hours, 20 minutes

Maine sardine season opens this week *The discontented man finds no easy chair*

Ask the Old Farmer: Can you possibly give me a recipe for brightening dark old pewter? I have been advised to use lye baths, but I hesitate to use this method P L, Boston *Old pewter is very soft so it is easy to rub a hole in it with an abrasive cleaner Use a commercial cleaner made for pewter and then wash with mild soap and warm water Rinse under running water, then wipe dry with a soft cloth*

Home Hints: A soft plastic catsup or mustard dispenser makes an excellent applicator for patching plaster

OLD FARMER'S WEATHER FORECAST

New England: Cold and rainy all week, turning sunny and mild, with sprinkles, over weekend

Greater New York-New Jersey: Week begins with light rain, cold, then mild, mudweek, for weekend, cloudy, cold, and rainy

Middle Atlantic Coastal: Beginning of week brings warm temperatures, light rain, week s end is partly cloudy and cold, with frost inland

Piedmont & Southeast Coastal: Scattered frost yields to warmer temperatures midweek, colder, with showers, then sunny and cold

(All Rights Reserved Yankee Inc Dublin N H 03444)

Peoria Cattle

Thursday, April 8

Compared to last week: Slaughter steers closed mostly 2.00 higher. Heifers 1.00 to 1.50 higher. Cows and bulls remained steady. The upswing in carcass and boxed beef prices plus the reduction of salable supplies at midweek forced live prices to follow the pattern and close the week on a higher note. Majority of weekly receipts Good and Choice steers and heifers with around 12% cows and bulls. Receipts this week 1800; compared to 1895 last week and 3188 last year.

SLAUGHTER STEERS: Choice 2-4 1025-1325 lbs. 67.00-69.50, bulk 67 50-68.75, with high Choice and Prime untested at midweek. Mixed Good and Choice 2-3 950-1200 lbs. 65 00-68.00, late 67.00-68.00. Good 62.00-67.00, few 1100-1200 lbs. holsteins 57.00-57.50.

SLAUGHTER HEIFERS: Choice 2-4 900-1050 lbs. 66.00-68.50, late mostly 67.50-68.50, part load 1135 lbs 69.00. 850-900 lbs. 65.00-67.00, package 825 lbs. at 64.00. Mixed Good and Choice 2-3 850-1050 lbs. 64.00-67.50. Good 60.00-65.50.

COWS: Utility 1-3 40.00-44.00, Cutter 36.00-40.00. Canner and Low Cutter 32 00-36.00, few thin 30.00-32.00.

BULLS: Yield Grade 1-2 1100-1800 lbs. 42.00-50.00, few 52.00.

New Holland Dairy

New Holland,Pa.
Wednesday, April 7
Report supplied by auction

Reported receipts of 86 cows, 91 heifers, and 2 bulls. Market steady.

Load of Pa. fresh cows, 770.00-1175.00, springers 975.00-1075.00; Load of Pa fresh cows, 900.00-1210.00; Load of Pa. fresh cows, 1000.00-1200.00; Load of N.Y. fresh cows, 1150.00-1350.00, springers 1175.00-1200.00.

Locally consigned cows 335.00-1010.00; Springing heifers 650.00-1185.00; Open heifers 250.00-630 00; Bulls 260.00-310.00; Few shortbeds 450.00-730.00.

Morrison Cove Auction

Martinsburg, Pa.
Monday, April 5
Report supplied by auction

CATTLE 183. High Choice & Prime slaughter steers 67.35-69.85, Choice 65.85-67.75, Good 62.75-63.35, Standard 51.50-60.10, Utility 43.00-49.50. Choice slaughter heifers 65.00-66.10, Good 62.75-64.35, Standard 57.75-60.10, Utility 42.00-50.00. Utility & Commercial slaughter cows 44.00-46.25, Cutters 40.50-43.75, Canner & Low Cutter 36.50-40.25, Shells down to 29.75. Good slaughter bullocks 51.75-52.75, Standard 47.00-51.00, Utility 44.60-49.50. Good feeder steers 50.50-53.50, Medium 46.50-50.50; Good feeder heifers 44.50-48.50, Medium 42.50-44.50; Good feeder bulls 50.50-53.50, Medium 45.00-48.50.

CALVES 311. Prime vealers 92.50-100.00, Choice 84.50-92.50, Good 72.50-80.00, Standard & Good 110-130 lbs. 61.00-71.50, 90-110 lbs. 51.00-58.50, 70-90 lbs. 40.00-48.50. Farm calves, holstein bulls 90-130 lbs. 60.00-92.50; holstein heifers 90-130 lbs. 70.00-122.50.

HOGS 704. US No. 1-2 200-240 lbs. barrows & gilts 52.25-54.00, No. 1-3 200-240 lbs. 51.50-52.50, No. 2-3 200-240 lbs. 50.50-51.00, No. 2-4 260-300 lbs. 49.00-50.25, No. 1-3 150-170 lbs. 42.00-48.50. US No. 1-3 sows 47.25-50.25, No. 2-3 43.50-46.50. Boars 36.50-48.00.

FEEDER PIGS 10. US No. 1-3 25-40 lbs. feeder pigs 25.50-42.50 per head.

SHEEP 92. Choice 20-40 lbs. spring slaughter lambs 72.50-113.00, Good 40-60 lbs. 65.00-73.00, Utility 30-60 lbs. 52.50-62.50. Slaughter ewes 13.00-25.50.

GOATS 58. 10.00-34.00 per head.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, April 3
Report supplied by auction

FEEDER CATTLE: Trend-Steers $2-$3 higher. Bulls 2.00 higher. Heifers 1.00 higher.

Steers: M&L-1 300-500 lbs. 69.00-77.00; 500-700 lbs. 63.00-70.00; 700-1000 lbs. 57.25-63.00. S-1&M&L-2 300-500 lbs. 57.00-63.00; 500-700 lbs. 53.00-60.00; 700-1000 lbs. 55.50-58.00.

Feeder Bulls: M&L-1 300-500 lbs. 65.00-73.00; 500-700 lbs. 54.50-58.00; Holsteins 400-800 lbs. 50.00-57.00. S-1&M&L-2 300-500 lbs. 57.00-65.00; 500-700 lbs. 48.00-52.00.

Heifers: M&L-1 300-500 lbs. 48.00-53.00; 500-700 lbs. 48.00-53.00, one group at 58.25; 700-800 lbs. 46.00-52.00. S-1&M&L-2 300-500 lbs. 44.00-49.50; 500-700 lbs. 44.00-48.00.

Stock Cows: Beef 370.00-460.00; Baby Calves 45.00-94.00.

Slaughter Cows: Heifers Good 2-3 54.75-57.25.

Slaughter Cows: Trend Cows 1.00 higher. Bulls steady. Utility & Commercial 2-4 35.00-44.25; Canner & Cutters 1-3 27.50-35.00.

Slaughter Bulls 1 & 2: 46.00-53.50.

Lambs: Trend; Steady to 1.00 lower on Spring Lambs. Blue O High Choice & Prime 70.00; Wool 64.50; Red O Choice Wool 56.75; Feeder Lambs Choice 53.00-55.00; Slaughter Ewes 15.00-20.50; Head Ewes & Lambs 40.00-45.00.

Hogs: US 1-3 200-240 lbs. 50.50; Sows 1-3 42.50-50.00; Boars 37.00.

Veal: Good 61.00-66.00.

Four States Livestock

Hagerstown, Md.
Wednesday, March 31
Report supplied by auction

SLAUGHTER: Fed Steers $1.00 lower. Choice to 63.00; Good 58.00-62.00; Medium 57.00 Down. Heifers Choice to 59.50; Good 56.00-58.00; Medium 55.00 Down. Cows good run, $1.50 lower. High Yield 41.00-42.50; Average 37.00-40.00; Big Middle 34.00-36.00; Fatty Herf. 33.00-35.00; Shelly 35.00. Fat Bulls $1.00 higher. Good 49.00-50.50; Medium 44.25-48.00. Veal Calves $2.00 lower. Choice 95.00-105.00; Good 80.00-94.00; Medium 65.00-79.00; Farm Hfrs. to 99.00; Farm Bulls to 66.00; Light & Weak 47.00 Down. Lambs Mostly steady. Choice 64.00-66.00; Good 58.00-63.00; Medium 57.00 Down.

STOCKER: Steers 300-550 lbs. $1.00-2.00 higher. Choice 67.00-72.00; Good 61.00-66.00; Medium 56.00-60.00; Culls 55.00 Down; Dairy Type 43.00-50.00. Steers 600-850 lbs. Choice 62.000-66.00; Good 57.00-61.00; Medium 56.00 Down. Heifers (All Weights) Choice 54.00-59.00; Good 47.00-53.00; Medium 46.00 Down. Bulls Choice 60.00-67.00; Good 52.00-59.00; Medium 51.00-Down. Dairy Cows to 950.00. Open Heifers to 86.00. Pigs, Hd. Higher prices. 20-30 lbs. 16.00-34.00; 40-60 lbs. 35.00-49.50. Shoats by Lb. to 47.00. Slaughter Hogs 210-230 lbs. 50.75-51.85; 240-260 lbs. 51.00-51.50; 190-205 lbs. 49.00-50.00. Sows 450-600 lbs. 47.00-52.25; 300-425 lbs. 41.00-46.00.

Lancaster Feeder Cattle

Friday, April 2
Report supplied by USDA

Today	456
Last Friday	264
Last Year	695

Trend not fully comparable, supply included 292 offered for sale in graded lots of 10 or more; balance mainly in lots of 3 or less.

FEEDER STEERS: Small and Medium Frame #1: One lot 775 lbs. 62.25. Medium Frame #1 and #2: One lot 645 lbs. 60.50, couple lots 760-780 lbs. 54.60-55.25. Medium and Large Frame #2: One lot 730 lbs. 56.35. Large Frame #2 (Holstein): One lot 935 lbs. 50.50; one lot 735 lbs. 46.25.

FEEDER HEIFERS: Medium and Large Frame #1: 20 head 750-830 lbs. 52.60-52.85. Medium Frame #1 and #2: One lot 560 lbs. 45.50.

FEEDER BULLS: Medium and Large Frame #1: One lot 535 lbs. 58.75.

HORSE AUCTION

All Breeds

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See full sale bill on page A39.

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7:00 P.M.-Small Animal Sale

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WALTER H. RISSER, Proprietor

Livestock market and auction news

St. Louis Cattle

Thursday, April 8
Report supplied by USDA

Receipts this week:	5,300
Week Ago:	5,600
Year Ago:	6,800

Compared to the last weeks close, slaughter steers and heifers fully .50-1.00 higher. Cows and bulls steady. Slaughter supply mainly Choice 2-4 1000-1150 lbs. steers, around 30% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 66.00-67.50, most closing sales 67.00-67.50. Choice 2-4 950-1250 lbs. 65.00-67.50, closing 66.00-67.50; few lots 2-3 1000-1150 lbs. 67.00-67.25. Mixed Good and Choice 2-4 900-1200 lbs. 64.00-66.00. Good 2-3 900-1150 lbs. 62.00-64.50. Mostly Good 2-3 1000-1300 lbs. holsteins 55.00-60.00, part load 61.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1100 lbs. 64.50-65.50, closing 65.00-65.50; part load 2-3 1045 at 66.50 late. Choice 2-4 850-1050 lbs. 63.00-65.00, closing 63.50-65.00; 800-900 lbs. 59.00-63.00. Mixed Good and Choice 2-3 800-1000 lbs. 58.00-62.50. Good 2-3 750-950 lbs. 56.00-59.00.

COWS: Closing week sales: Utility and Commercial 2-4 37.00-40.00. Boning Utility 1-2 40.00-42.00. Cutter 1-2 35.00-39.00. Canner and Low Cutter 1-2 30.00-35.00.

BULLS: Yield Grade 1-2 1000-1825 lbs. 46.00-51.00. Yield Grade 1 1250-1800 lbs. 52.00.

FEEDERS: (Including around 1,600 at the regular Thursday auction.) Feeder steers and heifers firm to 2.00 higher, mostly 1.00-2.00 higher. Demand fairly good for bulk of moderate supply. Receipts mainly medium frame 1 and mixed 1-2 400-700 lb. steers and medium frame 1 300-700 lb. heifers. Fairly large buyer attendance.

FEEDER STEERS: Medium Frame 1: 300-500 lbs. 67.00-71.50; 500-600 lb. 64.00-69.50; 600-700 lb. 64.00-66.50; few lots 700-750 lbs. 63.00-63.25; few 800-900 lbs. 62.00-64.00. Medium Frame 1-2 and some Small Frame 1: 375-500 lbs. 60.75-65.25; 500-650 lbs. 58.00-62.75. Large Frame 2 Holsteins: Several 325-900 lbs. 51.75-56.00, mostly 54.00-56.00.

FEEDER HEIFERS: Medium Frame 1: 300-500 lbs. 54.00-59.75, mostly 56.00-57.75; 500-600 lbs. 54.00-58.25; 600-775 lbs. 54.50-58.50.

STOCK COWS: Lot Small Frame 1-2 young and middle-aged 625 lbs. 41.00.

Omaha Cattle

Thursday, April 8
Report supplied by USDA

Through midweek slaughter steers and heifers 2.00-3.00 higher. Cows firm to 50 higher. Bulls fully steady.

Four Day Receipts	8,500
Last Week	9,500
Year Ago	13,950

Steer and heifers prices advanced briskly during each days trading, ending the week at their highest levels since July, 1981. Demand by most interests excellent throughout the session, as dressed beef prices registered broad advances and local 3 day receipts fell 19 pct. under a week ago. Overall finish continues just fair, with many offerings falling into the good to average Choice range.

Steers made up 44 pct. of 4 day receipts, heifers 38 pct., cows 8 pct. and feeders 7 pct.

STEERS: At the close, Choice 2-4 1050-1275 lbs. 69.50-70.50. Mixed Good and Choice 2-3 1050-1200 lbs. 68.00-69.50. Good 65.00-68.00. Mixed Good and Chocie 2-3 1200-1300 lbs. holsteins 62.75-64.00.

HEIFERS: Load Choice, few Prime mostly 3 1108 lbs. 69.00. Few loads and packages Choice 2-4 950-1050 lbs. 66.50-67.50. Mixed Good and Choice 2-3 850-1000 lbs. 65.00-67.00. Good 60.00-65.00.

Average of LS 214 detailed quotations Choice 900-1100 lb. steers 68.37; 1100-1300 lbs. 69.56. Average cost steers 68.10, average weight 1132 lbs. compared 66.17 and 1140 lbs. a week ago. Average cost heifers 64.96, average weight 1012 lbs. as compared 63.51 and 989 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 40.50-42.50, few 43.00. Cutter 38.00-41.00. Canner and Low Cutter 34.00-38.00.

BULLS: 1-2 1100-1900 lbs. 47.00-52.00.

Chambersburg Auction

Chambersburg, Pa.
Thursday, April 8

CATTLE: 290. Compared with last week's market: Sl. cows strong to 1.50 higher. Sl. steers: Few Choice No. 2-4 1000-1300 lbs. 66.00-69.85; Good 58.75-64.00, couple to 66.75; Standard 52.00-57.00, couple to 58.50. Sl. heifers: few Choice 62.50-67.75; few Good 57.10-61.25. Sl. cows: Utility & Commercial 40.50-46.00, couple to 49.50. Cutters 39.00-43.00. Canner & L. Cutter 36.50-39.00; Shells down to 34.00. Sl. bulls: Yield Grade No. 1, 1050-1990 lbs. 49.75-54.00.

FEEDER CATTLE: Steers, few Medium Frame No. 1, 400-850 lbs. 52.00-56.50.

CALVES: 345. Vealers grading Good & Choice 3.00-5.00 lower. Choice 83.00-95.00; Good 64.00-80.00; Standard & Good 70-100 lbs. 46.00-51.00. Utility 50-85 lbs. 35.00-45.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 52.00-85.00. Hol. Heifers 75-125 lbs. 54.00-102.50.

HOGS: 53. Few No. 1-3 210-230 lbs. 51.50-51.85. One lot No. 1-3 175 lbs. at 48.00; Sows US No. 1-3 300-580 lbs. 46.00-52.25. Boars 38.25-41.00.

FEEDER PIGS 42. Few lots US No. 1-3 30-45 lbs. 34.50-49.00 per head.

SHEEP: 48. Few Choice 50-60 lbs. 84.00-91.00. Sl. ewes: 14.00-25.00.

GOATS: 15.00.

KIDS: 12.00-34.00 per head.

Carlisle Auction

Carlisle, Pa.
Tuesday, April 6
Report supplied by auction

CATTLE: Steers: Good 57.00-62.75; Standard 51.25-54.50; Utility 48.75-50.00. Heifers: Good-up to 53.00; Standard-up to 49.50; Utility 40.75-41.25. Cows: Utility & Commercial 41.75-44.00; Cutter 38.75-41.00; Canner & Low Cutter 36.75-39.00. Shells down to 32.00. Bullocks: Good 56.25-60.00. Bulls: YG No. 1 47.50-53.50; YG No. 2 Down to 39.75. Feeder Bulls: 375-530 lbs. good 44.50-49.00; 600-675 lbs. 45.00-53.00; Feeder Heifers: 340-533 lbs. medium 48.00-49.00; 575-780 lbs. good 42.00-49.50. Feeder Steers: 390-485 lbs. good 57.00-63.00; 455-735 lbs. medium 50.00-56.00; 920-970 lbs. medium 45.50-46.00. Calves - Vealers: Low Choice 80.00-92.00; Good 65.00-79.00; Standard & Good 50.00-65.00. Hogs: US No. 1-2 52.00-54.10; US No. 1-3 47.50-51.50. Sows: US No. 1-3 49.00-51.25; US No. 2-3 46.00-49.00. Feeder Pigs: US No. 1-3 21.00-24.00; US No. 1-3 33.00-34.00. Lambs: Good 52.00-62.50.

Next sale: Tues., April 13 - Livestock 7:00 P.M. Eggs & Poultry 4:15 P.M.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, April 5
Report supplied by auction

Reported receipts of 215 calves, 85 cows, 16 bulls, 35 heifers, 2 steers, 85 hogs, 190 lambs, 44 sheep. Cattle market steady & active; Calf market active.

Holstein Hfr. Calves to 80.00; Veal Calves 55.00-68.00; Bobs, 90-100 lbs. 49.00-82.50; Bobs, 80 lbs. and down 35.00-55.00; Grassers & Feeders 47.50-61.50; Easter lambs 55.00-100.00; Lambs 47.00-59.00; Sheep 20.00-37.00; Hogs, 200-250 lbs. 44.50-51.50; Sows 24.50-44.50; Boars 30.00-36.00; Pigs each 16.00-41.00; Heifers 37.75-45.50; Steers 43.00-53.50; Bulls 38.00-52.00; Cows, utility 39.75-44.00; Cows, fat 35.00-39.00; Cows, medium 34.25-39.00; Cows, poor or small 24.00-34.00; Horses to 300.00; Ponies to 150.00; Goats 10.00-54.00.

Hay: 67.00-70.00.

Feeder Sale 1st Monday of Each Month.

Dairy Sale 3rd Thursday of Each Month.

Carlisle Livestock Market

Easter Lamb and Goat Sale
Friday, April 2, 1982

Lambs: (1,418). 5 lbs. 320.00; 15-20 lbs. 105.00-130.00; 20-40 lbs. 90.00-125.00; 40-60 lbs. 60.00-77.00; 60-100 lbs. 70.00-100.00.

Goats: (687). Spring Goats 47.50-56.00; Old Goats 30.00-48.00.

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Off the Sounding Board

By Sheila Miller, Editor

Snow 'em under with mail

The old adage, "unpredictable as the weather," was certainly apropos this week as our spring fevers were quickly cooled by almost a half-foot of snow, bringing our field work to a screeching halt here in the Lancaster area

Other sections of the state didn't escape the white onslaught and were buried under even deeper coatings of snow in what was hopefully old man winter's last temper tantrum of the season

To most of us, this Easter surprise seemed more like an April Fool's prank than a blessing. Although we all realize the benefits it provided in replenishing our water supplies and insulating our winter grains, let's face it — we've all had enough snow for one winter.

As I sulked my way to work through walls of drifted snow that towered high over the roof of my car, and cautiously plunged headlights first into blinding screens of blowing snow, it was hard to imagine that just last week this bleak white landscape was a varigated display of green plants and brown soil.

Almost feeling my way down the snow-blocked, one-lane road, I couldn't help wondering what I would do if I met up with a car heading the opposite direction. Would we crash head on and wind up hurting each other? Would I be the one to back down, or would I cautiously continue on until I could get by this temporary blockade? Then again, would it be better if I just stayed in one spot — that way at least I'd be safe even though I wouldn't be making much headway. The only risk I'd have would be getting buried by the blowing snow.

These same feelings and questions can also reflect how farmers are dealing with the animal welfare legislation responsibility that's falling on the shoulders of our congressmen in Washington.

Like April's blizzard, farmers didn't ask for House Joint Resolution 305 that calls for the establishment of a 16-person Farm Animal Husbandry Committee. Unlike the blizzard, however, this issue isn't likely to quietly melt away.

As a matter of fact, Congressman Tom Harkin (D-Iowa) has told farm groups throughout the nation that he is under pressure from animal welfarists and rightists to hold hearings on Res. 305. As chairman of the subcommittee where this legislation is pending, Harkin has two choices: ignore the requests and face losing the bill to another committee, or hold hearings with the risk of opening a Pandora's box for farmers.

Most farm organizations have adopted the wait and see what happens attitude towards animal welfare. That's fine in that it doesn't call any more attention to the issue, but burying our heads in the snow won't make the problem disappear. To deal with the animal welfarists, we need to see where they're coming from and what direction they're planning to take next.

Many farmers are afraid of a head-on collision with the welfarist groups. They therefore hesitate to plot a course and strike out in a direction that could turn out to be a "one-way street" where obstacles are unknown and the outcome uncertain.

However, if we believe the reassurances of groups like the United Egg Producers, farmers have nothing to fear. They point out that the Council for Agricultural Science and Technology's recent study to determine if farm animals are suffering from confinement rearing turned up no conclusive arguments against present livestock and poultry management practices. The CAST study, done at the request of congressmen, utilized the expertise of some of the nation's top researchers, including Dr. Michael Fox, a person who is equated with the animal welfare movement.

And, even if we have a head on collision with the animal welfarists while traveling that uncertain road of legislative lobbying, doesn't it stand to reason the smaller "vehicle" will sustain the most damage? By far the larger of the two opponents, farm groups could have the more powerful impact on Washington congressmen and carry their message forward — "An efficient agriculture uses the best management practices available to produce the nation's cheap food. Any alteration in this management would achieve the end-result of higher-priced food with no real measurement of the emotional benefits to livestock and poultry."

The problem of waiting for the problem to pass by is evidenced by what is currently happening in Washington. As farmers are quietly waiting for their turn to continue undisturbed on their chosen path, the animal welfarists have been bombarding legislators and anyone else who'll listen with horror stories about cruelty to animals. Harkin has commented that most of the hundreds of letters he's received have come from these folks, with only a handful of farmers taking time to put their sentiments down on paper

It's time for farmers to stir up their own paper storm in Washington. Let these city-slicker legislators know you're keeping an eye on their Res. 305 actions and that you oppose what it calls for — a 16-member committee that will attempt to tell farmers how to raise animals.

Don't wait until it's too late to sound off. After hearings are held and laws are passed, the freeze on farmer's freedoms will make the Blizzard of '82 seem like a flurry.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

MARY TURNED! April 11, 1982

Background Scripture:
John 20:1-20.
Devotional Reading:
1 Corinthians 15:42-50.

If you carefully read the resurrection accounts in the four Gospels you'll find that it is virtually impossible to put them together in a harmonious arrangement. There is just too much disagreement as to just who went to the tomb, who saw Jesus first, whether there were two angels, one or none, not to mention the discrepancies as to the exact nature of his resurrection appearance.

Given the nature of the experience, I do not find these discrepancies either surprising or troubling. If two readers cannot agree on the meaning of one of my columns, why should it surprise me that four witnesses can't agree on the nitty gritty of the resurrection?

I Have Seen The Lord!

The one unifying theme of the resurrection accounts - a theme that far out-weighs these unimportant discrepancies - is perfectly expressed in the testimony of Mary Magdalene to the disciples: "I have seen the Lord!" It matters little who else saw him, or precisely what we said or did when we saw him, or just what was the nature of the Person we "saw," so long as we too can say, "I have seen the Lord."

John the Evangelist does not tell us how the disciples reacted to Mary's declaration. He tells us that "she told them that he had said these things to her," but nothing else. The very lack of an expression of enthusiasm on their part leads me to suspect that, even if they did not outright doubt her claim, neither did they seem to embrace it. After all, she had no proof whatsoever; only her word. And so it may be for us: no one can prove the resurrection to us. Thus, if someone claims, "I have seen the Lord," we have to decide whether or not to accept that witness. In short, the resurrection is a matter of faith, not proof.

Jesus Said: "Mary!"

Actually, faith had been the active ingredient even for Mary. At first, she did not even recognize Jesus. She assumed that he was the gardener. All the evidence seemed to indicate that someone had stolen the body of Jesus. But then, Jesus said to her, "Mary." Someone called her name and that Someone, she knew, could only be the Master. The resurrection Presence stood directly in front of her, but it was only when the Risen Lord spoke her name that Mary turned to him and recognized him? "She turned and said to him in Hebrew, 'Rabboni' (which means Teacher)."

He was the Master she had come to love and revere, yet, in a way, he was not quite the same. "Do not hold me..." Jesus warned her. The new relationship would not be that of a physical presence, but a new and even deeper one. The Presence would not be restricted by walls and doors, only the hardness of people's hearts.

John tells us that when Jesus later appeared to the twelve, "Then the disciples were glad when they saw the Lord." That must be the greatest understatement in the Bible! For when, like Mary, we hear him speak our name and we turn to the resurrected Christ, there are no words that can adequately convey that transforming experience.

OUR READERS WRITE, AND OTHER OPINIONS

Farmers care

Editor's Note - The following correspondence is a copy of a letter to President Ronald Reagan mailed March 27, 1982 by a **Lancaster Farming** reader Her initiative in taking the farmer's story to the top is commendable

On Wednesday evening March 24, 1982, at approximately 7:30 p.m. I hit an animal while driving. I stopped and found an unconscious dog. I picked up the dog to take it to a vet. I stopped at a neighbor to complete my original errand.

At that time I realized the dog was conscious. He got out of the truck and appeared to be all right. I returned home, fed and watered the dog and began my quest for an agency to take him.

S.P.C.A., Humane League, and Dog Catcher are not listed in our local phone book. A friend suggested calling the sheriff's office. The deputy on duty was unable to help because the dog did not have a license. He suggested calling our township constable.

The name he gave me was not listed in the telephone directory. The next step was to call the county treasurer's office in the morning.

The treasurer's office took the necessary information and stated

(Turn to Page A12)

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Inspect Pasture Fields

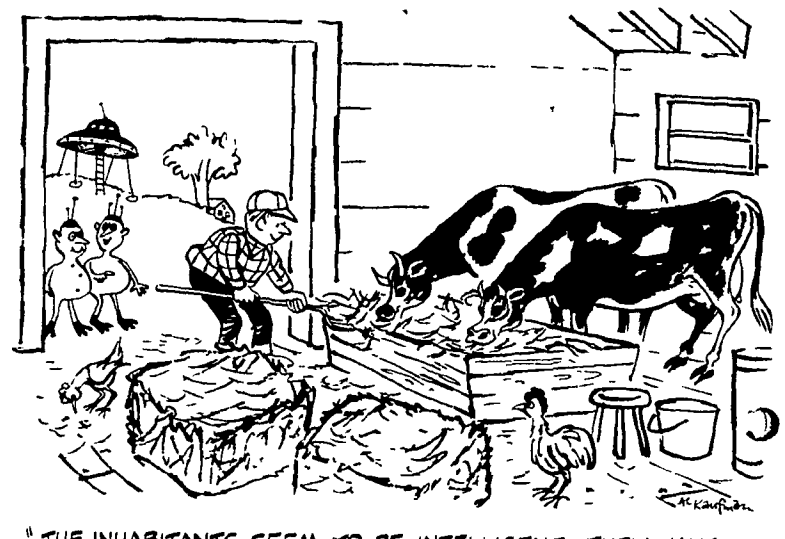
It won't be long before some permanent pastures will be ready to graze. I am afraid that some may be grazed before they are ready. However, another area that I would like to review, is that you should walk over the pasture areas before livestock is turned out. Remove all trash to prevent injury and poisoning. Unfortunately, people still use the rural areas to dispose of their solid trash. Some of this may contain glass or poisons that will be harmful to livestock. Remove the junk before the livestock has a chance to become involved. If there is any evidence on the trash reflecting the guilty party, this information should be given to local officials. Most township regulations do not permit the dumping of solid waste on private property.

To Operate Machinery Sensibly

Farmers are always in a big hurry when the good spring weather arrives. As a result, they operate their tractors and other machinery at too high a speed. This presents safety hazards and is the cause of too many accidents. Grain drills and corn planters are designed for accurate planting, if operated at a normal rate of speed. Often in the rush of things, we travel too fast and the planting job is disappointing. We urge farmers to take the time to properly prepare and adjust their machinery and then drive at a

(Turn to Page A12)

HAY HAWS



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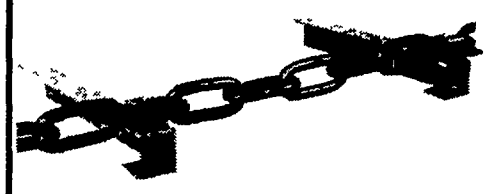

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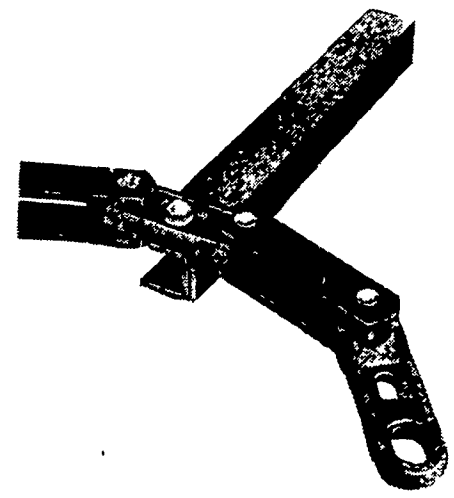

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By Jamesway
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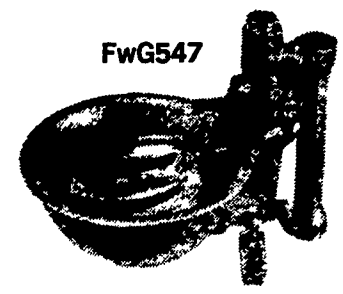

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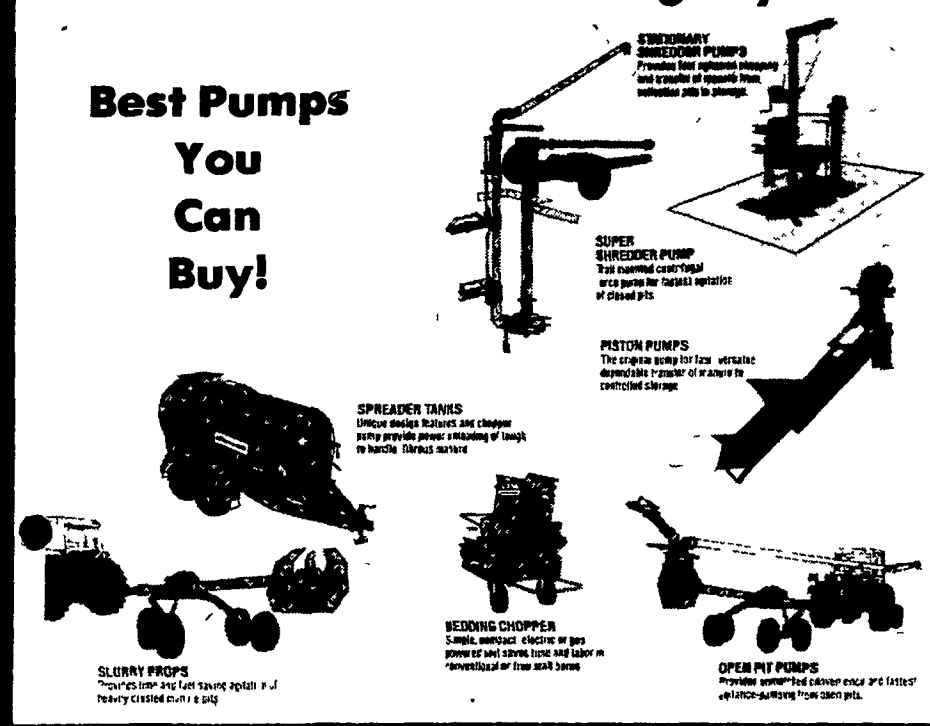

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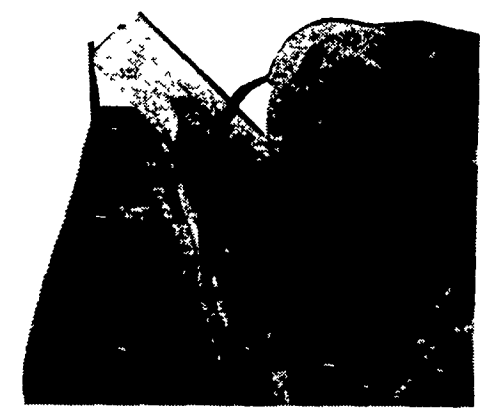

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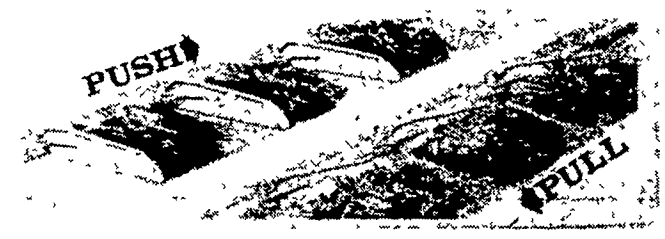

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Now is the Time

(Continued from Page A10)

speed that will give good performance. With many pieces of farm machinery, the speed is listed on the manufacturers directions. Take time to be safe and to be satisfied.

To Store Unsold Tobacco

Those tobacco growers who have not sold their '81 crop need to store the bales on the above ground floor level of a tobacco shed or barn, advises Arnold Lueck, Extension Agent in Agronomy. Place some 2 by 4's or similar size lumber under the bales to allow for air circulation. Then put bales only 2 or 3 high to reduce fermentation from squeezing pressure.

Cover the top layer of bales to keep them clean of bird droppings and dirt. Use old tobacco muslin covers, canvas tarps or loose material not air-tight. Avoid tight plastic. Air should move freely around the bales.

Be certain no water drips on the stored bales or wind driven rain blows on them.

You can expect some weight loss due to fermentation and possible sweating as the weather warms.

To Avoid Atrazine, Simazine Residues

Evidence is telling us that residues of atrazine, simazine and to a less extent, bladex, are affecting subsequent crops in the rotation following corn. Even though no visual symptoms are evident, the sub-lethal residues still present in corn field soils are lowering yields of small grain and alfalfa. Consequently, reminds the Extension Agronomist, we must make efforts to reduce herbicides carryover.

(1) Soil test prior to the last year of corn in the rotation. Apply all the lime recommended before the corn is planted. Liming will release any atrazine, simazine, bladex still tied up in the soil and help control corn crop weeds.

(2) Use a low residue herbicide program avoiding the triazines (above). Lasso and Dual would be choices to consider. Increasing the application rate would be called for in minimum till and no-till situations.

(3) To control broadleaf weeds that might escape, Banvel should be applied as a follow-up.

OUR READERS WRITE,
AND OTHER OPINIONS

(Continued from Page A10)

the "dog catcher" would call me back. I phoned him again and at 1 p.m. and was told he had not called in yet. I phoned again on Friday morning. I was given a long distance phone number to call. I left a message on the answering service that picked up the call.

On Saturday morning I phoned the sheriff's office again. They gave me a different long distance phone number for the "dog catcher". The man who answered the phone asked me if I had left the information on the answering service, and when told yes, said they would get back to me.

Three days, two long distance phone calls, and several hours of local calls to find a home for him later, I still have a four-month-old dog as big as my five-year-old Brittany Spaniel that has eaten five pounds of dog food, table scraps, and six gallons of milk replacer.

The purpose of this letter is to give the animal welfare organizatons and animal rights organizations something to campaign for. My parents are prime veal farmers and along with other farmers are being slandered for the way they take care of their animals.

Farmers start calling neighbors as soon as an animal is lost or found and make a sincere effort to bring the owner and the animal together again. I have yet to meet a farmer that would abandon an animal in hopes that someone would adopt it.

Juli Ann Evans,
Port Royal, Pa.

Highlight of our week

Several years ago, my husband subscribed to Lancaster Farming. We receive the publication on Saturday via R.F.D.

We became acquainted with the publication through a good friend who gave my husband a back edition.

My husband reads it first from start to finish, concerning anything farming. My turn is next.

I usually like to read the letters to the editor first for opinions of the readers. Everything the women write, and the "Mulch More" topics because I have a small mulch garden.

Being a 4-H leader for 27 years, I am very interested in 4-H and youth activities. I have used activities and illustrations for our club. Our county (Gloucester) is very active and fulfilling in every 4-H aspect.

Since my husband and I are past 70 years old, the Lancaster Farming is one of my highlights at an affordable subscription price. The recipes I go over and have used several over and over. I get great comments on the last oatmeal (lard) cookie recipe.

Mrs. C.W. Covert
Williamstown, N.J.

Quit playing politics

I hope you will read this article thoroughly and stop and give it some serious thinking.

It seems our farm associations and other dairy related organizations are trying to snow you dairy producers with a program called the Milk Referendum, which is supposed to promote the sale of milk. Taking ten cents off a hundred for advertising milk is the same as buying a cow that would end up sick and dying. It's money lost and not to come back.

Stop and think if this passes, they will be collecting over nine million dollars, for what? They don't and can't explain how they're going to spend the money.

I have received a letter through a farm association which I will not belong to any more when my membership runs out. They are telling you that milk is the least advertised beverage. This may be true.

For example, there is no way you can compare milk with beer or soft drinks because the beer and soda companies are producing their own product from start to finish. Every time you buy a six pack, you pay for the advertisement. When the milk truck leaves your farm, you no longer have control over how your milk is produced. After your milk has been processed at a lot of the dairies, it has been watered down, gone through a seperation process and the cream skinned off, etc. Now who would support advertising such a product.

You farmers who are members of a co-op and don't bother to vote, they will vote for you. Remember, if this passes and goes into effect, there will no longer be a competitive milk market between the dairies. It seems to me if our farm associations and organizations want to do something beneficial, why not do something on the effect of the sale of imitation dairy products. The next time you stop in at a restaurant and get a cup of coffee, how many give you real milk for your coffee? I believe the opportunity has arisen again for somebody to fill their pocket book again from the farmer.

As you hear all the reports about too much milk surplus, can you believe it? If milk was produced as a farmer produces it, there would not be enough milk to reach around. Just a thought, as I was once reading of Milton S. Hershey (the founder of the Hershey candy bar) the history and lifestyle, who's operation still exists, he stated and I quote, "If you produce a good product, it will advertise itself."

At the present time whether you like him or not we have a president of this country who is trying to abolish illegitimate programs in our government. It doesn't take me long to classify the Milk Referendum as such a program in our state Government. Why let

(Turn to Page A29)

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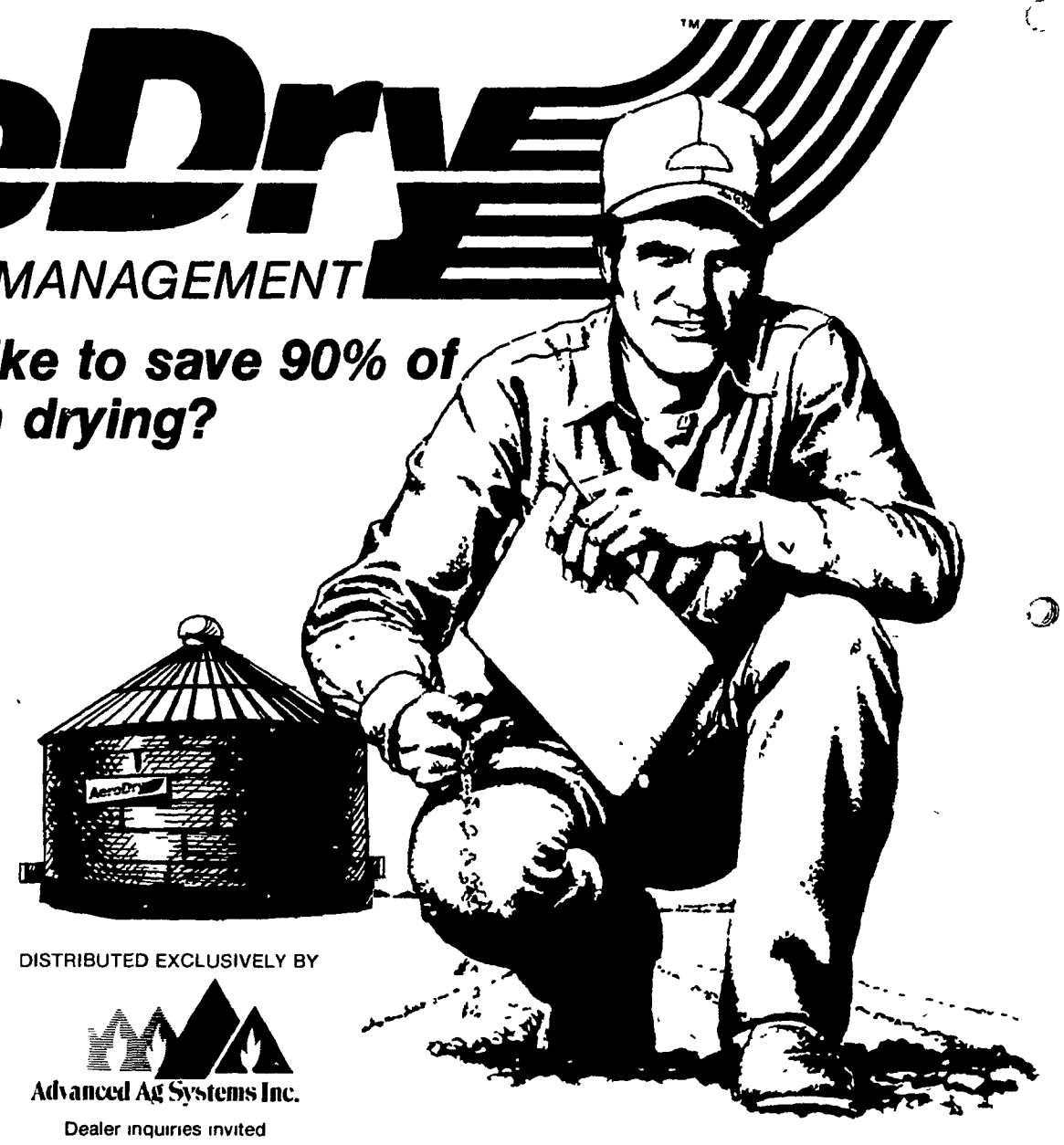

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Livestock market and auction news

Belknap Auction

Dayton, Pa.
Wednesday, April 7
Report supplied by PDA

CATTLE 119. Individual Choice slaughter steer at 58.00, few Good 53.00-56, couple Standard at 50.00. Few Good slaughter heifers 48-53.25, few Standard 43.25-47.25. Utility and Commercial slaughter cows 40.00-45, few 45.75-46.75, Cutters 37-41.50, Canner and Low Cutters 30.00-37. Couple Good slaughter bullocks 52.50 and 53.00. Yield Grade #1-2, 945-1840 lbs. slaughter bulls 44.00-49, one 52.25. Few Medium Frame #1, 340-650 lbs. feeder heifers 44.00-52, few Large #2, 330-745 lbs. 45.00-55. Medium and Large Frame #1, 540-820 lbs. feeder bulls 43.00-49.

CALVES 65. Few Choice vealers 85.00-100, few Good 67.00-81, Standard & Good 90-110 lbs. 45.00-56, 65-85 lbs. 30.00-45. Farm Calves: Hol. Bulls 95-135 lbs. 50.00-86.00.

HOGS 173. US No. 1-2 (lot) 230 lbs. barrows and gilts at 52.00, No. 1-3 2-250 lbs. 50-51.50, few 52.00, No. 2-3 2-275 lbs. 48.00-50, No. 1-3 185-195 lbs. 45-49.75. US No. 1-3 260-550 lbs. sows 44-50.50, few No. 2-3 370-580 lbs. 40.00-43. Few Boars 35.00-40.

FEEDER PIGS 73. US No. 1-3 20-30 lbs. feeder pigs 14-23.50 per head, No. 1-3 35-50 lbs. 23.00-47 per head, Utility 20-40 lbs. 10.00-24.00 per head.

SHEEP 34. Lot Choice 33 lbs. spring slaughter lambs at 75.00; Mixed Good and Choice 60-95 lbs. wooled slaughter lambs 39.00-49. Slaughter ewes 1.00-16.00.

Indiana Auction

Homer City, Pa.
Thursday, April 8
Report supplied by PDA

CATTLE: 101. Compared with last week's market: Sl. steers few Choice 63.25-66.25, one Good at 58.75; Standard 50.00-56.75; Sl. heifers (one) Choice 65.00; few Good 56.25-56.75, few 700-800 lbs. 49.00-51.75; few Standard 45.00-50.00. Sl. cows: Utility & Commercial 40.00-45.00, few 45.50-46.25; Cutters 36.50-41.00; Canner & L. Cutter 32.00-36.50; Shells down to 25.00. Sl. bulls: couple Yield Grade No. 1, 1475 lbs. at 48.00; 1745 lbs. at 47.00; one Yield Grade No. 2, 985 lbs. at 39.50.

FEEDER CATTLE: Bulls, few Medium & Large Frame No. 1, 45.00-57.50.

CALVES: 70. Few Prime 102.00-105.00; Choice 85.50-100.00; few Good 77.00-85.00; Standard & Good 90-120 lbs. 50.00-61.00; 65-85 lbs. 38.00-49.00.

FARM CALVES: Hol. Bulls 95-130 lbs. 52.00-70.00; few Hol. Heifers 85-105 lbs. 53.00-60.00; Beef Cross Bulls & Heifers 60-110 lbs. 46.00-71.00.

HOGS: 51. Few No. 1-3 220-240 lbs. 50.00-51.75; few No. 2-3 240-250 lbs. 48.75-49.50; few No. 1-3 185-195 lbs. 44.75-47.00; Sows few US No. 1-3 290-560 lbs. 43.00-49.75.

FEEDER PIGS 3. No market test.

SHEEP: 10. Wooled sl. lambs few Good & Choice 70-75 lbs. 50.00-57.00. Few Sl. ewes: 12.00-15.00.

Westminster Auction

Friday, March 26

930 Pigs: Compared to February sale, prices were $10 to $20 higher. Good demand for all weights. All pigs weighed on arrival and sold by the pound.

1&2: 42 head 18-28 lbs. 141.00-149.00; 1&2 31 head 26-29 lbs. 108.00-114.00; 1 61 head 36-38 lbs. 132.00-136.00; 1&2 126 head 30-37 lbs. 113.00-130.00; 1&2 182 head 40-42 lbs. 109.00-130.00; 1&2 118 head 51-59 lbs. 103.00-114.00; 1&2 47 head 51 lbs. 122.00; 1&2 198 head 60-68 lbs. 90.00-111.00; 1 29 head 70 lbs. 91.00; 2 28 head 80-83 lbs. 80.00-81.00; 2&3 29 head 38-48 lbs. 82.00-97.00; 2&3 19 head 55 lbs. 87.00.

NEXT SALE: FRIDAY, APRIL 23, 1:30 P.M.

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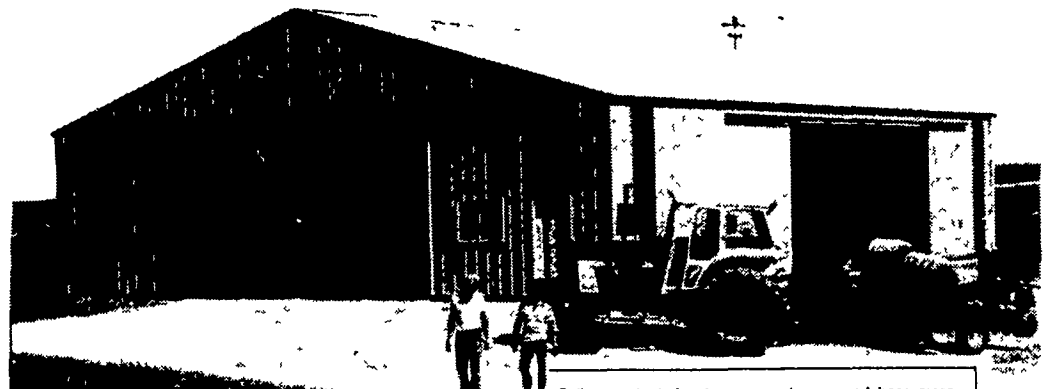

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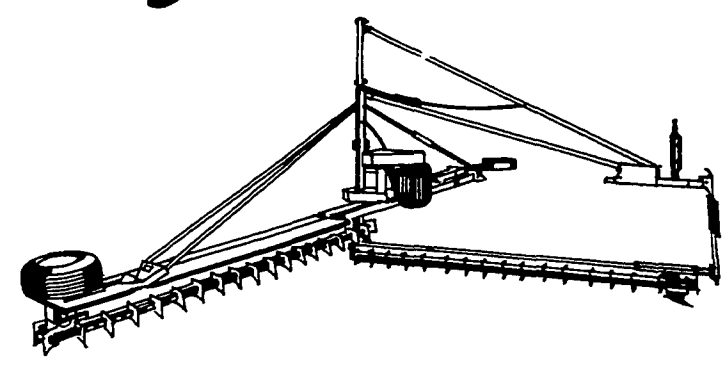

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Livestock market and auction news

Belleville Auction

Belleville, Pa.
Wednesday, April 7
Report supplied by PDA

CATTLE 80. Compared with last Wednesday's market, slaughter cows 50 cents-$1 lower. Individual Good slaughter steer at 55.25. Utility and Commercial slaughter cows 39.25-43.75, few 48, Cutters 37.50-42.25, few Canner and Low Cutters 35.60-38.25. Couple Yield Grade #1, 1450-1770 lbs. slaughter bulls 48.10 & 51.00.

CALVES 158. Few Good vealers 81.00-87, Standard and Good 70-100 lbs 45.00-50. Utility 50-80 lbs. 30.00-40. Farm Calves: Hol. Bulls 90-125 lbs 50.00-75, few Hol. Heifers 80-140 lbs. 60.50-79.

HOGS 213. Barrows and gilts 75 cents-$1.50 higher. US No. 1-2 2-230 lbs. barrows and gilts 51.75-52.50, No. 1-3 2-255 lbs. 50.75-51.50, No. 1-3 170-185 lbs. 50.10-51.10. Few US No. 1-3 300-500 lbs. sows 42.00-47.00. Few Boars 29-38.50.

FEEDER PIGS 160. US No. 1-3 20-35 lbs. feeder pigs 34.50-45 per head, No. 1-3 60-120 lbs. 50.00-63 per head.

SHEEP 19. Few Choice 20-60 lbs. spring slaughter lambs 50.00-90. Few Slaughter ewes 23.00-32.00.

GOATS 50· Large 28.00-55 per head, Kids 10.00-22 per head. HOLSTEIN DAIRY COWS $670-1130 PER HEAD.

Carlisle Auction

Carlisle, Pa.
Tuesday, March 30
Report supplied by auction

CATTLE: STEERS Choice 57.50-58.00, Ind. 64.00; Good 53.00-55.25; Standard 45.00-49.75. HEIFERS: Good 54.75-58.00; Standard 50.50-51.75. COWS: Utility & Commercial 42.75-46.00; Cutter 38.85-42.50; Canner & Low Cutter 32.00-37.00. BULLS: Yield Grade No. 1 48.00-53.00.

FEEDER STEERS: 57.50-58.00.

CATTLE HEIFERS: 42.00-53.00.

BULLS: 43.00-52.00.

CALVES: VEALERS. Choice 70.00-88.00; Good 60.00-70.00; Standard & Good 45.00-60.00.

HOGS. Barrows & Gilts US No. 1-2 51.75-53.25; US No. 1-3 48.00-51.00. SOWS: US No. 1-3 46.00-49.50; No. 2-3 42.00-46.00; Boars 38.25-39.25.

FEEDER PIGS: US No. 1-2 24.00-36.00; No. 1-3 35.00-50.00.

SHEEP. LAMBS: Good 75.00-95.00; Utility 53.00-70.00.

Special Feeder Sale next Tuesday, April 6 at 7:00 P.M.

Kiester's Lamb Sale

Middleburg, Pa.
Thursday, April 1
Report supplied by auction

652 lambs and sheep, 379 goats and 720 Easter rabbits.

Choice lambs 20-30 lbs. .90-1.10 lb., few to 1.50; medium 20-30 lbs. .80-.90; Choice 30-50 lbs. .70-.90; medium 30-50 lbs. .65-.85; choice 50-75 lbs .70-.80, medium 50-75 lbs. 60-.70; 75-100 lbs. .60-.70.

Goats, small 10.00-20 00 ea , large 30 00-50.00 ea

Rabbits, choice 4 50-7 50 ea , medium 3 00-4 50 ea., small 1 75-3 00 ea

Joliet Cattle

Thursday, April 8

CATTLE: Friday through Wednesday's salable receipts 1100; 5 days last week 2879; same period a year ago 3588. Trading moderately active on Monday; slow on Wednesday. Slaughter steers ended the week 1.00-1.50, few instances 2.00 higher compared with Wednesday of last week. Slaughter heifers ended the week 1.00, instances 1.50 higher. Cows closed the week steady.

SLAUGHTER STEERS: Choice few Prime 2-4 1150-1300# 68.50, 2 loads 68.75 Monday. Choice 2-4 1050-1250# 66.50-68.50 Monday; 68.00-69.50 Wednesday. Mixed Good and Choice 2-3 1000-1200# 64.50-66.50 Monday; 67.00-68.00 Wednesday. Good 2-3 900-1100# 63.00-67.00 Wednesday.

SLAUGHTER HEIFERS: Choice 2-4 900-1050# 64.50-67.00, load 67.25. Mixed Good and Choice 2-3 800-1000# 60.00-65.00.

COWS: Cutter & Utility few Commercial 1-3 37.00-40.00.

New York Multiple Drop Broiler Report

Thursday, April 8
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U S. Grade A 43-46, 3425 boxes; Premium (X) U.S. Grade A 46½-48, 7305 boxes.

WTD. AVG.: U.S. Grade A 45.01; Premium (X) 47 71.

(X) Includes special services, selected competitive brands, etc.

Weekly Summary

Friday, April 9
Report supplied by PDA

Markets: 16. Headage reduced due to winter snow & ice storms.

CATTLE: 4777. Compared with 7075 head last week, and 6515 head a year ago. Compared with last week's market: Slaughter steers & heifers mostly steady to 1.00 higher. Slaughter cows steady to 1.00 higher. Sl. bullocks uneven; Sl. bulls 1.00-2.00 higher. Sl. steers: High Choice & Prime No. 3-4, 69.00-71.60, some sales to 73.10; Choice No. 2-4, 65.50-69.00; Good 59.00-64.50; Standard 52.00-60.00. Sl. heifers: Choice 60.00-65.50, few to 68.00; Good 55.00-60.00; Standard 50.00-55.00, few down to 45.00. Sl. cows: Utility & Commercial 40.00-45.00, few 46.25; Cutters 37.00-43.00; Canner & L. Cutter 32.00-38.00; Shells down to 22.00. Sl. bullocks: Few Choice 57.50-61.75; Good 52.00-57.50; Standard 47.00-54.00. Sl. bulls: Yield Grade No. 1, 1000-2250 lbs. 51.00-57.75; Yield Grade No. 2, 900-1450 lbs. 45.00-52.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-700 lbs. 50.00-69.00. Heifers, Medium Frame No. 1, 350-650 lbs. 43.00-54.00; Bulls, Medium & Large Frame No. 1, 400-800 lbs. 42.00-53.00.

CALVES: 3153. Compared with 3309 head last week and 3672 head a year ago. Vealers 1.00-3.00 higher. Few Prime 100.00-122.00; Choice 85.00-105.00; Good 72.00-87.00, 110-130 lbs. 58.00-74.00; 90-110 lbs. 45.00-57.00; 65-90 lbs. 33.00-48.00; Utility 50-110 lbs 29 00-42 00.

FARM CALVES: Hol. Bulls 85-135 lbs. 50.00-78.00, few to 98.00; Hol. Heifers 80-145 lbs. 53.00-122.50, mostly 60.00-95.00.

HOGS: 6982. Compared with 7880 head last week and 7965 head a year ago. Barrows and gilts .75-1.50 higher. US No. 1-2 200-240 lbs. 52.50-54.10, few to 55.50; No. 1-3 200-250 lbs. 51.50-53.00; No. 2-3 200-275 lbs. 50.50-52.00, few down to 48.00; No. 1-3 140-190 lbs. 45.00-51.00; Sows steady to strong. US No. 1-3 300-575 lbs. 44.00-50.50, few to 52.00; No. 2-3 300-650 lbs. 40.00-465.50. Boars 33.00-42.50.

FEEDER PIGS 810. Compared with 894 head last week and 1128 a year ago. Feeder pigs uneven. US No. 1-3 20-35 lbs. 20.00-39.00; No. 1-3 35-50 lbs. 35.00-50.00; No. 1-3 50-85 lbs. 50.00-63.00 per head.

GRADED FEEDER PIGS: 2723. Compared with 1910 head last week and 1540 head a year ago. All sales by CWT. Feeder Pigs uneven. US 1-2 mostly 5.00-18.00 lower, 2-3 mostly 7.00-12.00 higher. US No. 1-2 20-40 lbs. 125.00-156.00, 40-50 lbs. 100.00-124.00; 50-60 lbs. 90.00-124.00; 60-75 lbs. 71.00-85.00; US No. 2-3 30-40 lbs. 126.00-156.00; 40-60 lbs. 95.00-128.00.

SHEEP: 3443. Compared with 5847 head last week and 6094 head a year ago. Bulk of supply 20-60 lbs. sl. lambs sold to the Easter trade. Wooled sl. lambs steady to strong. Choice 20-40 lbs. spring sl. lambs 85.00-137.00, few 180.00; 40-60 lbs 70.00-96.00, few to 110.00, 60-100 lbs 61.00-90.00; Good 20-75 lbs. 50.00-77.00; Good & Choice 60-95 lbs. wooled sl. lambs 39.00-65.00 Sl ewes. 10.00-32.00.

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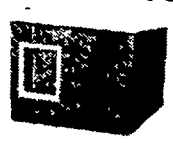
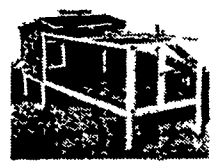


Insulated dog boxes - warm in winter - cool in summer - 3 sizes available



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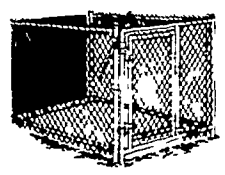

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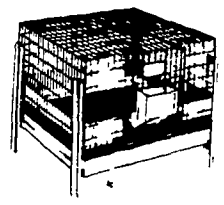

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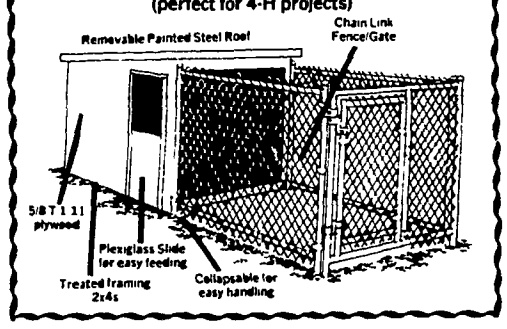
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Livestock market and auction news

Lancaster Weekly

(Continued from Page A2)

1-3 41.00-43.50, several mainly on Tuesday 44.00-46.00, few 46.50-48.00; cutter 1-2 39.75-42.75, few 43.00-45.50; canner and low cutter 37.50-40.50.

BULLOCKS: Choice 1050-1400 lb. 58.50-61.75, couple 62.00-63.00; good 1000-1350 lb. 52.75-57.50.

BULLS: Yield Grade 1 1350-2000 lb. 51.75-55.75, few 57.50-59.75, couple 61.00-61.50; yield grade 2 1000-1350 lb. 48.75-52.00.

VEAL CALVES: Vealers firm to 5.00 higher, instances 10.00 higher on prime special fed. Demand fair for calves to return to farm.

VEALERS: Prime special fed 270-375 lb. 117.00-122.00, few 123.00-130.00, choice 150-325 lb. 95.00-108.00, few 108.00-112.00, high good and low choice 140-350 lb. 75.00-95.00, 115-140 lb. 56.00-76.00, 80-105 lb. 40.00-54.00, few 55-75 lb. 34.00-42.00

RETURNED TO FARM: Bulk 90-115 lb. holstein heifers 80.00-100.00, 45 head 100.00-120 lb. 114.00-117.00; bulk 95-125 lb. holstein bulls 70.00-82.50, few 85.00-90.00, several 80-95 lb. 56.00-70.00.

Oklahoma Cattle

Thursday April 8
Report supplied by USDA

Trade moderate at best. Feeder cattle under 800 lb. unevenly steady to 1.00 lower; over 800 lb. Fully steady. Majority receipts medium frame 1 and mixed 1-2 400-800 lb. Steers and 500-700 lb. Heifers.

FEEDER STEERS: Medium few large frame 1 300-400 lb. 70.00-71.25; 400-500 lb. 68.75-71.90, Package 406 lb. Thin and Gaunt 76.20; 500-600 lb. Few 66.90-69.35; 600-700 lb. 63.00-67.90; 700-800 lb. 63.00-65.00; 800-950 lb. 63 1 445-700 lb. 61.50-63.10. Small Frame 1 445-700 lb. 61.50-63.10. Medium and Large Frame Mixed 1-2 Few Thin 405-445 lb. 69.00-71.00, Package 485 lb. 66.30; 500-700 lb. 62.90-64.60; Package 752 lb. 62.00 Medium and Large Frame 2 Package 497 lb. 63.00; Few 545-655 lb. 60.00-60.10. Large Frame No 2 Holsteins Package 577 lb. 58.80; Few 715-850 lb. 54.20-55.60.

FEEDER HEIFERS: Medium Frame 1 375-500 lb. 60.25-63.00; 500-600 lb. 55.00-57.70, 600-700 lb. 56.00-59.50; 700-800 lb. 57.00-57.60; Pkg. 822 lb. 56.00. Medium and Large Frame Mixed 1-2 Few 375-415 lb. 56.90-59.00; 500-600 lb. 53.25-54.30; 600-700 lb. 52.00-53.25.

FOR THE WEEK: Compared to late last week feeder cattle under 800 lb. steady to 50 cents lower; over 800 lb. steady to firm. Utility and commercial cows steady to 50 cents lower; canner and cutters fully steady with late sales utility and commercial 2-3 41.00-43.24; cutters 36.75-40.50; canners and low-cutters 33.25-37.00. Slaugher bulls 2.00-3.00 lower with YG 1-2 1150-1500 lb. 46.00-49.25; 1500-2225 lb. 46.00-51.95. Salable receipts this week near 12,500 cattle compared with 15,781 last week and 19,841 last week. Feeder cattle and calves made up 90 percent of the supply; cows and bulls made up 10 percent totaling near 1200 head.

Leesport Auction

Leesport, Pa.
Wednesday April 7
Reports Supplied By PDA

CATTLE 163. Compared with last Wednesday's market, slaughter steers strong to $2 higher. Slaughter cows $1 to $1.25 higher. Choice 1050-1300 lbs. slaughter steers 65.50-67.35, one at 68.50, few Good & Choice 1300-1550 lbs. 53.00-57.75, few Good 60.00-64.85. Standard 53.85-60.10, few Utility & Low Standard 47.50-52.10. Few Good slaughter heifers 54.00-60.00, few Standard 50.50-52.75. Utility & Commercial slaughter cows 41.00-43.00, few to 45.25, few low dressing 37.85-40.00, Cutters 38.50-41.75, Canner & Low Cutter 35.00-38.00. Few Good & Choice slaughter bullocks 61.25-62.25, few Standard 52.25-54.85. Few Yield Grade #1 1300-1885 lbs. slaughter bulls 52.75-58.75; few yield grade #2 940-1160 lbs. 46.75-51.50. Few Medium Frame #1 380-660 lbs. feeder steers 62.00-69.00, 660-760 lbs. 55.00-58.00, few Large Frame #2 445-800 lbs. 49.50-54.00, few 900-950 lbs. 46.25-49.00, few Large Frame #1 400-775 lbs. feeder bulls 54.50-66.00.

CALVES 79. Few Choice vealers 101.00, few Good 70.00-90.00, few Standard & Good 115-125 lbs. 60.00-72.00, 90-110 lbs. 50.00-53.00, few 75-85 lbs. 40.00-50.00, few Utility 65-100 lbs. 30.00-42.00. Farm Calves, holstein bulls 90-125 lbs. 57.00-65.00, couple to 71.00; holstein heifers 90-135 lbs. 80.00-102.50, few 80-90 lbs. 60.00-80.00.

HOGS 153. Barrows & gilts $1 higher. US no. 1-2 210-245 lbs. barrows & gilts 52.00-52.25, few 53.00, No. 1-3 190-230 lbs. 51.50-52.00, few No. 1-3 180-190 lbs. 50.50-51.00. Few US No. 103 300-470 lbs. sows 45.00-46.50, few utility 285-330 lbs. 42.75-44.50. Few Boars 37.00

FEEDER PIGS 68. US No 1-3 40-50 lbs. feeder pigs 96.00-97.00 cwt.

SHEEP 137. Choice 15-40 lbs. spring slaughter lambs 105.00-128.00, 40-60 lbs. 87.00-96.00. 65-110 lbs. 78.00-84.00. few Yearlings 120-225 lbs. 30.00-52.00. Few Slaughter sheep 15.00-25.00

GOATS 86. Few Adult Goats 28.00-40.00 per head, large kids 29.00-44.00, few small kids 6.00-28.00 per head.

St. Louis Sheep

Thursday, April 8
Report supplied by USDA

Limited offerings slaughter lambs and ewes on the Omaha market held steady with last week.

SLAUGHTER LAMBS: Choice and Prime 111-115 lbs. wooled 57.00, 120-130 lbs. 54.00-56.00.

SLAUGHTER EWES: On Tuesday, few cull and utility 120-130 lbs. wooled 18.00.

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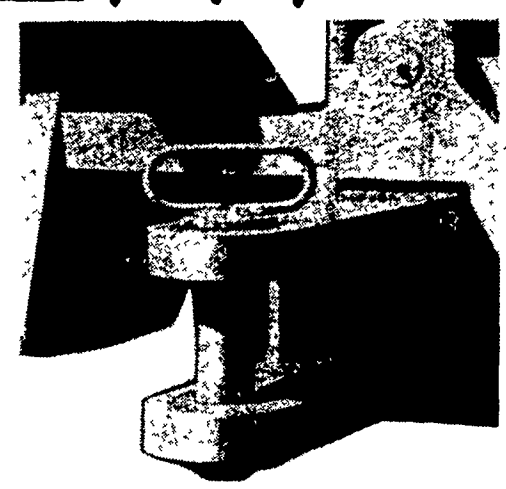

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4.	STEIGER ST-225 (CAT)	87.99%
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6.	STEIGER ST-325 (CAT)	86.75%
7.	VERSATILE 875 (CUMMINS)	86.44%
8.	VERSATILE 835 (CUMMINS)	86.23%
9.	STEIGER PTA-325 (CAT)	85.13%
10.	FORD FW-60 (CUMMINS)	85.24%

STEIGER AVERAGE 87.78%

Others Average 77.17%

★ NOTE: All information is current as of Jan 1982

★ NOTE: Drive Train Efficiency is calculated by dividing the highest drawbar horsepower attained in the test by the engine horsepower The percentage represents the maximum ratio of engine horsepower transferred to the drawbar on tested tractors

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Penn Staters brush up on fitting for 'Little I'

UNIVERSITY PARK — Penn State's 65th Little International Livestock Exposition on April 24 will climax months of fund raising, catalogue production, and daily animal preparation. The Exposition is sponsored by the Block and Bridle Club.

Show day will begin at 8 a.m. at the Beef and Sheep Center, leading off with beef cattle and swine classes, followed by sheep and horses. Admission to the show is free and the public is invited to attend.

Students "draw lots" for their animals several weeks before show day. This marks the beginning of six weeks of intensive training for both animals and contestants. Competition is keen for prizes in fitting and showing contests. Champions in each species compete for the grand championship.

Honors and prizes will be awarded the evening of April 24 at the Little International banquet in the Hitzel Union Building on campus. The banquet also will honor the distinguished alumnus of the year and the winner of the Glen R. Kean award for leadership. Members of the collegiate judging teams—who have competed in livestock, horse, and meat contests—will also be recognized.

Students majoring in animal production, with an outstanding knowledge of showing the respective species, are selected as superintendents to help students with their animals. This year's superintendents include: Dave Wise of Spring Grove for beef cattle, Jerry McCammon of Schellsburg for sheep, Lee Johnston of New Alexandria for swine, and Sally Rhea of Waterford for horses.

Judges for the event include: Terry Stockdale of New Alexandria for beef cattle; Tom McIlwain of Shady Plain for sheep; Joe Strittmatter of Quincy, Michigan for swine; and Tom Walker of Prosperity for horses.

The show manager is Robert Bortz of Apollo, senior is animal production. Assisting him is Scott Davenport of Montrose, junior in animal production. Harold Harpster is the faculty advisor for the Block and Bridle Club.

Livestock market and auction news

G&M Livestock

Monday, April 5
Duncansville, Pa.
Report supplied by auction

Compared to last week, market report steers-strong; cows-weak, hogs-higher.

STEERS: High Choice and Prime 66.00-68.00; Good to Choice 60.00-66.00; Standard to Good 56.00-60.20; Utility 50.00-56.00.

HEIFERS: Choice 60.00-64.00; Good to Choice 54.00-60.00; Standard 48.00-54.00; Utility 42.00-48.00.

FEEDERSTEERS: Good to Choice 300-600 lbs. 50.20-62.00; Standard to Good Heifers 300-600 lbs. 48.00-60.00.

BULLS: 1100-1650 lbs. 50.00-56.00; 900-1100 lbs. 42.00-52.00.

COWS: High Choice to Prime 43.00-45.00; Couple to 48.50; Good 40.00-43.00; Standard 38.00-40.00; Utility 36.00-38.00; Cutters 32.00-36.00; Canners Down to 30.00.

CALVES: High Choice 90.00-103.00; Good to Choice 70.00-90.00; Standard to Good 50.00-70.00; Utility Down to 30.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 65.00-91.00; Hol. Heifers 90-120 lbs. 75.00-110.00.

FEEDER PIGS: 25-35 lbs. 32.00-45.00; 35-50 lbs. 45.00-54.00.

HOGS: 200-240 lbs. 50.00-53.60; 170-300 lbs. 42.00-51.00.

SOWS: 42.00-52.75.

BOARS: 35.00-39.25.

LAMBS: Easter Trade 20-70 lbs. 65.00-106.00.

SHEEP: 15.00-32.50.

GOATS: 12.00-62.00.

New Holland Horse

Monday, April 5
New Holland Sales Stables
Report supplied by auction

Reported receipts of 167 head of horses, mules, and ponies. Market: steady.

Work horses 950.00-1225.00; Better horses 550.00-840.00; Driving horses 375.00-790.00; Riding horses 375.00-500.00; Lightweight killers 375.00-500.00; Heavyweight killers 550.00-685.00; Mare Ponies 40.00-125.00; Pony Colts 15.00-50.00; Geldings 40.00-125.00; Larger ponies 150.00-200.00.

Farm Calendar

Saturday, April 10

12th annual Maryland Holstein Show, 9:30 a.m., Timonium Fairgrounds.

Pa. Nut Growers Assn. grafting demonstration, 10a.m.-2:30 p.m., Kutztown Grange.

Monday, April 12

Red Rose Beef Club leaders meeting, 7:30 p.m., Lancaster Farm & Home Center.

Tuesday, April 13,

Poultry Sales & Service Conference, Penn State, continues tomorrow

Franklin County ASCS annual banquet, 7 p.m., Kauffman Ruritan Community Building

Bradford County Sheep & Wool Growers Assn., 7:30 p.m., Extension Office.

Adams Beef Producers meeting, 7:30 p.m., Extension Office, Gettysburg.

Lancaster County FFA public speaking contest, 9 a.m., Manheim Central.

Wednesday, April 14

Garden Spot 4-H Club, 7 p.m., Fellowship Hall, New Holland United Methodist Church.

U.S. Inernational Food Show, New York Coliseum, continues through Sunday.

Brtadford Dairy Princess Committee, 8 p.m., Towanda Extension Office.

Thursday, April 15

Warwick FFA Banquet, 6:30 p.m., Brickerville Fire Hall.

Friday, April 16

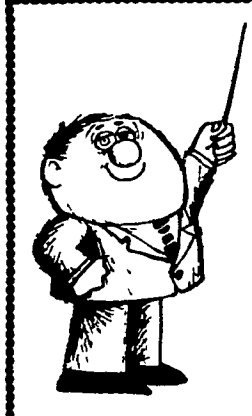
PEMA meeting, 6:30 p.m., Sheraton Conestoga, Lancaster.

Saturday, April 17

South Central Pa. Pork Producers feeder pig show & sale, Shippensburg Fairgrounds, show 10 a.m., sale 1 p.m.

Del Pork Producers show & sale, Carroll's Sale Barn, Felton, Del. show 10 a.m., sale 2 p.m.

Lancaster County FFA meats judging contest, 9 a.m., Kunzlers, Lancaster.



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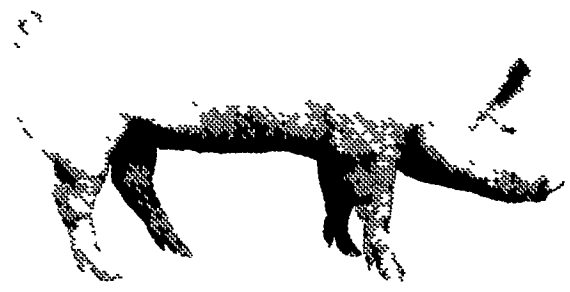

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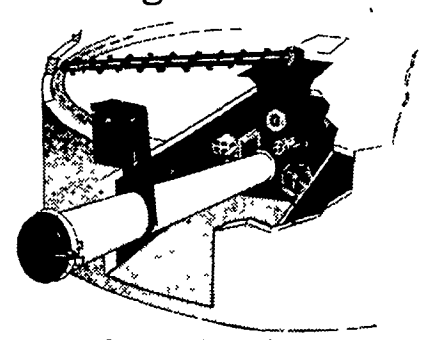

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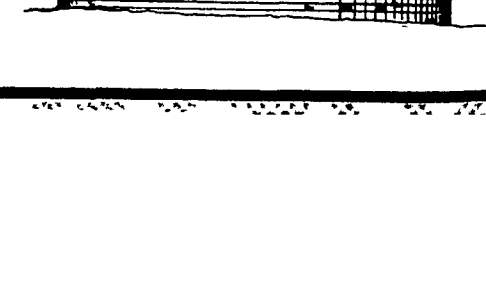

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Will livestock leasing work?

NEWARK,Del. — Commercial businesses often use leasing as a way to meet capital needs. The practice is now being adopted by farmers in some parts of the country as an alternative to buying equipment or breeding stock — especially in dairy and swine operations.

To find out whether the idea will work on the Delmarva peninsula, last year economists in the University of Delaware's colleges of agricultural sciences, and business and economics surveyed the area's agricultural and business communities to learn how farmers felt about leasing. The survey was funded by a grant from Rothchilds, a New York based investment firm.

According to Extension Farm Management Specialist Don Tilmon, who participated in the study, results showed that while farmers on the peninsula are still reluctant to lease equipment, some could and, in the future, probably would benefit from leasing livestock.

"Commercial firms are now entering this market and complete herds, herd expansions and replacements are being made available," he says. One firm claims to have leased 18,000 cows at an average cost of about 87 cents per cow per day. This is less than the interest a farmer would pay on money borrowed to buy that cow.

Leasing allows a farmer to retain the use of assets such as breeding stock without investing equity or debt capital. The arrangement alo benefits the owner of the stock, who gets a tax benefit because, under the 1981 tax reform act, the profits are considered capital gains rather than income — a distinction worth tax savings of 60 percent on the money involved.

Lease arrangements offer several other advantages to both parties. No down payment is required from the lease. Payments are fully deductible tax expenses. A lease gives a beginning farmer a chance to acquire resources, and may also be a way to obtain better quality livestock than would be possible otherwise.

At the same time, the leasor or owner of the livestock retains the breeding herd without providing labor and operating inputs, and may have investment credit and accelerated cost recovery (depreciation) tax benefits. Total returns may also be higher through rental income and tax advantges.

Tilmon says farmers who currently own a livestock operation but are nearing retirement may want to consider leasing their herds as an orderly means of phasing out of the business without being subjected to large tax liabilities. However, there are also some drawbacks to livestock lease arrangements, he cautions. Both parties give up partial control and possible conflicts of interest or disagreements are much more likely than in a sale transaction. In the long run, leasing may also be more expensive than a capital purchase.

A lease agreement is a binding contract and should be in writing, Tilmon says. Engage an attorney to help with the legal details. The specialist is also available to consult with farmers who want to make sure such an arrangement meets their needs.

Verticillium wilt help available to Pa. farmers

UNIVERSITY PARK — While putting in this year's alfalfa crop, Pennsylvania farmers have access to at least three Verticillium wilt-resistant varieties with more expected next year, reported Donald Barnes, secretary of the National Alfalfa Improvement Conference.

Barnes, also a research geneticist at the University of Minnesota, said small quantities of the following resistant varieties are available this year. Apollo II by North American Plant Breeders; Trumpeter by Northrup-King and Company; and WL 316. A fourth variety, Vernema has been developed by the USDA and Washington State University, but Barnes reported that seed is currently not available.

In addition to the use of resistance varieties, farmers can furthur control the disease with proper crop rotation and Thiram applications, said USDA plant pathologist Ken Leath.

Crop rotation, with two years minimum between alfalfa crops should help to decrease fungal inoculum said Leath. However, he warned, other plants including red clover, Canada thistle, sheperd's purse and yellow rocket can harbor the pathogen.

Thiram, applied correctly and at proper dosage, does not interfere with nodulation, will kill most fungi within a seed lot and may delay introduction of the disease into a field, Leath explained.

Although Thiram, a nonsystemic fungicide, can be expected to kill the fungi on contact when applied to the exterior of the seeds, the fungicide will not kill fungi borne within seed and possibly not the fungi borne within any accompanying plant debris, warned Extension agronomist John Baylor.

The alfalfa-killing fungus, which resembles fusarium wilt and anthracnose, was first discovered last summer on a few Central Pennsylvania farms. However, subsequent state-wide checks for the fungus were negative, Leath confirmed.

Leath explained the fungus, native to Europe, is usually found in cooler climates. The disease, first discovered in the U.S. in 1977, showed up in Idaho, Washington and Oregon, major seed producing states. Wisconsin and New York also experienced Verticillium damage in 1980.

Although the same fungus exists now in both Europe and the U.S., the big difference, said Leath, is the stage of the disease.

In Europe, the fungus produces spores on the outside of the altalfa stems and easily can be carried in the wind or rain.

However, the disease discovered in Centre County last year was located within the stem and roots and would move slowly or creep along within a field. The fungus showed up in 1978 seedings and Leath explained the disease worsens in the second and third year of the stand.

Verticillium wilt interferes with water movement throughout the plant, said Leath. The leaflets wither and turn brown followed by stem dehydration. Eventually, the fungus invades the crown and kills the plant.

Leath suggested that farmers familiarize themselves with the following symptoms:

- Yellow blotchiness of leaflets on a single stem;
- V-shaped yellow segments form at the tips of leaflets. This often turns pinkish-brown. Younger leaflets curl upward or inward from the tip or twist along midrib to form a loose spiral;
- Leaves die and turn a light-tan color, but stem remains green and erect;
- Roots are often yellow-orange inside, but this symptom is not very reliable;
- Diseased plants get progressively weaker and die.

USDA extends maturity date on some 1980-81 crop loans

WASHINGTON, D.C. — Producers with certain 1980 and 1981 crop commodity loans now have the option to extend their loans for an extra year, according to Under Secretary of Agriculture Seeley Lodwick.

"This option is being offered because prices for these commodities are currently low," Lodwick said.

The option applies to all 1980-crop barley, corn, oats, grain sorghum and wheat loans, and all 1981-crop barley, oats, rye and wheat loans. All producers with outstanding loans on these commodities are eligible, Lodwick said.

Producers extending their 1980-crop loans for an additional year will be charged an interest rate of 12.25 percent through Dec. 31, 1982. This rate will be subject to change Jan. 1, 1983, to reflect the cost to the Commodity Credit Corporation of borrowing from the U.S. Treasury.

Extended 1981-crop loans will continue to bear interest at a rate applicable to the loan. Interest on 1981-crop loans is calculated to reflect the CCC's cost of borrowing from the U.S. Treasury.

Producers wishing to extend their loans should contact their county office of USDA's Agricultural Stabilization and Conservation Service, Lodwick said.

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(From left) Dr. Joseph Graham, Plant Pathologist with W-L Research, Inc , Alfred Dugan, Director of Research with Milton Hershey School Farms, and Kenneth Beachley, President of Beachley-Hardy Seed. Co with the award for the 1981 Forage Silage winner, captured by WL 311 at the Hay Crop Silage Show.

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Toms turn out the big birds a

By GINGER SECRIST MYERS
Staff Correspondent

NEW OXFORD — "They're not traditional, they're just delicious." It that phrase sounds familiar, it's probably because you've either seen or heard it lately on T.V., the radio, or in your newspaper.

This turkey talk, aimed at promoting turkey rather than ham for your Easter dinner, comes to you from the largest volume turkey processor in the Pennsylvania, Round Hill Foods, Inc., New Oxford.

According to General Manager Tom Bross III, this is the second year that Round Hill has used this advertising program through the central Pennsylvania area. It has been quite successful and the company is now considering using it in the Philadelphia market. The ad features Round Hill labeled turkeys, and brandname advertising of Round Hill turkeys ranks high on Bross's priority list.

The name Round Hill Foods, Inc. is relatively new to central Pennsylvania, having only been around since 1974. But the name Bross has become synonymous with turkeys in all the key markets in the northeast corridor.

Almost ironically, the name that preceeds Bross is Tom. Tom Bross, Jr., now president of Round Hill Foods, Inc. started his business in 1946 when he acquired a small locker plant in New Oxford known as Winter Gardens. Bross, Jr. used half of this plant as a grocery store and converted the rest into a fresh meat butchering operation.

Tom Bross III, general manager for Round Hill Foods, Inc. summarizes his company's policies: "Personal service from sizing to delivery, quality control that results in the best possible product, and involvement of our people in serving our customers, is the approach we take."

By 1952 the demand for fresh dressed poultry in the area had risen enough to justify building a processing plant on the site. The business grew by leaps and bounds and in 1966 Bross sold it to Central Soya.

Bross served as turkey sales manager for all of Central Soya's poultry plants. The partnership between the Bross family and Central Soya proved profitable for both parties with Bross acquiring the East Berlin Flour and Feed Mill which still supplies feed for Round Hill growers.

However, by 1974, Central Soya was out of the picture with the Bross family holding the entire business. Bross then renamed the business Round Hill in honor of the family homestead.

Today, Round Hill Foods encompasses every aspect of turkey production including: hatching, farming, feed preparation, grow out, processing, distribution, and administration. The company contracts with 15 growers who each raise approximately 60,000 birds annually.

According to Bross III, these growers supply 60 percent of the total birds required with the remainder coming from North Carolina and independent growers. The totally integrated operation employs approximately 200 persons some of which, Bross III proudly states, have been with the company since 1946.

Mike Bross, one of Tom Jr.'s sons, is responsible for field operations which includes management of Round Hill Feeds at the East Berlin plant. While Round Hill is feeding more commercially produced pelleted feed due to faster feed conversation, the East Berlin plant still produces tractor trailer loads of feed which is delivered to the growers once or twice weekly depending on the growers' output. All feedstuff used at the mill are either grown by the Bross farms or bought from local farmers.

Round Hill employs servicemen Richard Smith and Dave Boyer to check the flocks every few days for disease or management problems. If any disease is discovered, it is diagnosed and treatment is started immediately.

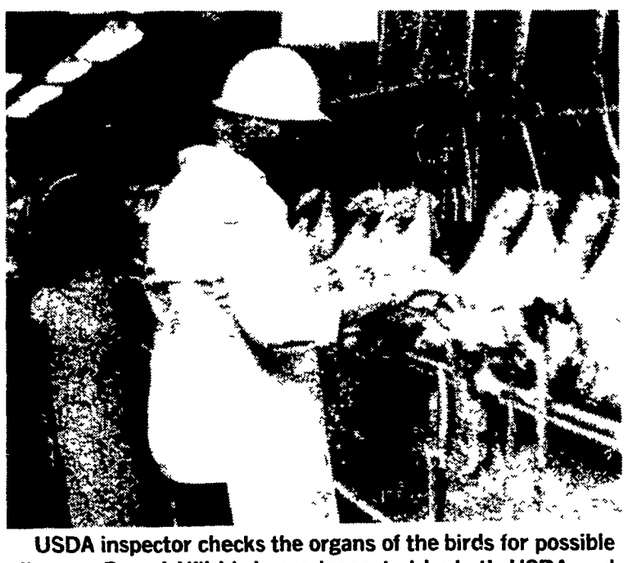
Dick Smith emphasizes, "We really push sanitation hard because it prevents the hugh loses that can destroy our image with buyers and other processors. That's why each barn is completely disinfected between each flock."

It is establishing that image of personal service and the production of a quality product under the Round Hill label that General Manager Tom Bross III works at the hardest.

States Bross, "Our company works at being diversified. There's just not enough money in whole birds to put all our production there. We're going to stay diversified so that we can process our birds according to market demands. We're really working hard now to create a demand for our name."

Round Hill presently markets under their own label, but they also process and wrap birds under other brand names. Bross points out that while Round Hill has been cautious about marketing conditions in the last two years, expansion plans are in the works. This year they plan to process about 50 million live pounds, a 7-million pound increase over last year. This figure translates into about 3 million head of turkeys.

Their latest expansion has been in the area of further processing. Round Hill already makes four-



USDA inspector checks the organs of the birds for possible disease. Round Hill birds are inspected by both USDA and Round Hill inspectors.

On the site inspection takes place phases of processing at Round Hill. He birds are being inspected for Grade A

Farmsted Buildings by Butler

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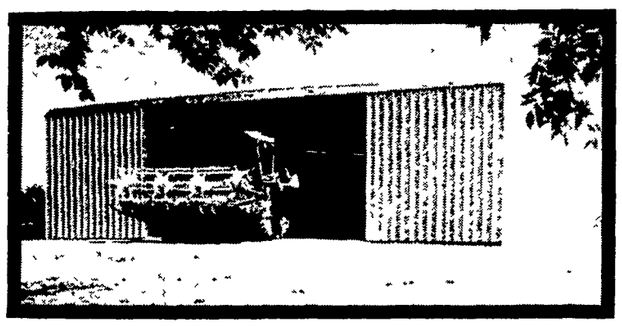

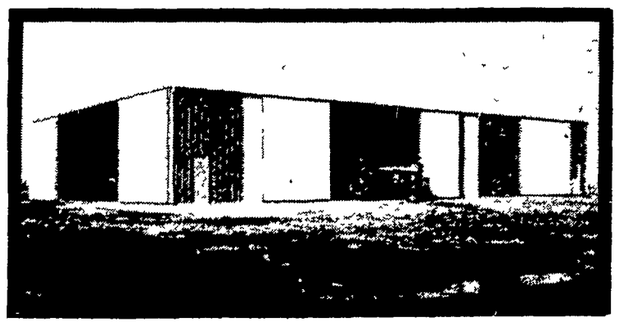

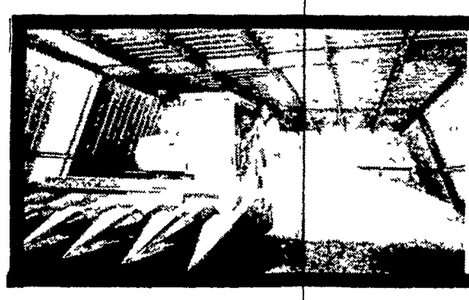

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Their latest expansion has been in the area of further processing. Round Hill already makes four-types of cooked turkey breasts, but the expansion of the further-processing area would expand their plant's facilities to further cook turkey parts rather than market all their birds as either fresh or frozen.

"The trend in the industry is to get more involved in further processing with the increased demand for specialty turkey meats. We're geographically located in a very advantageous area, close to the Baltimore, Washington, and Boston markets. This is just another example of how we stay diversified," comments Bross.

While fresh turkeys still remain the mainstay of their production, Bross says he also is looking into producing turkey "hams", hot dogs, and even turkey bacon.

Bross says the industry as a whole must do a better job of educating the consumer to the nutrition, price and flavor advantages of turkey. He notes that while there has been a change in the demand for the product to the warmer months, Thanksgiving and Christmas are still the high points of the marketing season.

"Eat more turkey", is the byline for Round Hill Foods, Inc. and is the last thing a visitor hears when leaving their offices. This turkey talk is everywhere at Round Hill. Even the rest room facilities are titled "hens" and "toms".

cks the organs of the birds for possible
rds are inspected by both USDA and

On the site inspection takes place at all phases of processing at Round Hill. Here the birds are being inspected for Grade A standards since they are bound for New Jersey under the name of Honey Comb Toms.

Western Pa. dairyman receives nat'l DHIA award

COLUMBUS, OH — Pennsylvania dairyman Clyde Robison is the 1982 recipient of the National DHIA Outstanding Service Award. This prestigious award was presented by the Board of Directors for significant contributions to the dairy industry. Robison, of Coal Center, received the award at the 1982 National DHIA Convention in Little Rock, Arkansas.

Robinson served ten years as National DHIA Director, two of them as President. During his tenure as President, the organization set up a national office for the first time, and the first annual Management Seminar was held. During his presidency, National DHIA and the dairy industry successfully convinced Congress to reinstate U.S. Department of Agriculture Sire Summaries.

He also has served as Director of The American Jersey Cattle Club. In 1982, Robison was appointed by Secretary of Agriculture John Block to the State Committee of the Agricultural Stabilization and Conservation Service.

He was President of Pennsylvania DHIA 9 years and has served as president of the Pennsylvania Dairymen's Association and Pennsylvania Jersey Cattle Club. He has been director of the Penn State Agriculture Advisory Council, president of the Washington Fair Association for 27 years, and vice-president of the Pennsylvania State Fair Association. Robison is currently vice-president of Atlantic Breeders.

Another distinguished award Mr. Robison has earned is the Master Farmer Award. In 1976, he won the first Charles Cowan Award as Dairyman of the Year, a Penn State award.

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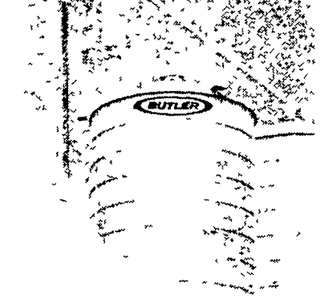

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At Md. Black-Eyed Susan Sale

Reenforcement daughter brings top bid

Howard and Ann Corcoran, second and third from right, became the proud owners of a Reenforcement daughter at last Saturday's Md. Polled Hereford Assn. Black Eyed Susan Sale. Glenn Bachtell, right, owner of Huckleberry Hall Farm, Smithsburg, consigned the top-selling animal. Looking on are Md. Polled Hereford Princess Cindy Schultz, 13, of Frederick, left, with the 1982 Queen, Marian Cummings, 16, Westminster, Md.

FREDERICK, Md. — With the wind howling and rattling the tin roof overhead, a crowd of prospective Polled Hereford buyers squeezed into the cramped Frederick Fairgrounds sale barn for the annual Black Eyed Susan spring sale held here last Saturday evening.

The afternoon's driving rains and generally unpleasant weather conditions didn't dampen the spirits of the bidders, however, as Lot 51 moved around the sales ring. This Huckleberry Hall Farm consignment drew a flurry of bids and nods from the crowd until auctioneer Tom Cawood's gavel dropped at $1,425, selling the heifer to Howard and Ann Corcoran, Potomac, Md.

What made this animal special enough to bring the top bid of the sale? Basically, a pedigree that just wouldn't quit plus the frame and conformation that earned this March 1981 heifer the title of Junior Champion of the afternoon show.

The heifer, Dunwalke Dawn 11N, is sired by a young bull called Reenforcement out of a dam called Dunwalke Mis Vin 938. What makes this combination so special is the fact that Reenforcement, himself a champion, is by the famous national champion Enforcer 107H and is out of a Kiyiwana New Trend dam. Not to be out done, Dawn's dam boasts another top Polled Hereford sire in her pedigree — Vindicator, a superior bull sired by one of the breed's greatest female producers, Victorious K47 U81.

There's no doubt that Dawn will serve as a top foundation cow on which the Corcorans can build their Polled Hereford herd. They presently own 15 head of these registered beef cattle and keep them on their 129-acre farm. Ann explained that they've only been in the farming business for the past two years. While she takes care of the farm, Howard travels to his job as an Environmental Protection Agency attorney.

Huckleberry Hall Farm, Smithsburg, also consigned the top-selling Polled Hereford bull at Saturday evening's sale. HHF Bets Lad 11N brought a bid of $1,025 from Donald and Wanda Eader of Mt. Airy, Md. The March 1981 son of PRL 7 Bet 517B will be joining the other 25 head of registered Polled Herefords on the Eaders' 35-acre farm.

The show's senior heifer champion was Lot 35 in the sale. This Bet daughter was consigned by Dr. Chia Chuen Su of Hagerstown, Md. and sold for $975 to William and Louise Fisher, owners of Fisher's Poplar Lick Farm, Westminster, Md. The Fishers operate a custom feedlot at their farm and direct market finished steers to customers. A herd of 20 Polled Herefords cows help to supply some of the feeder cattle that go through the lot.

One extra special consignment that sold at the Saturday evening sale but carried no lot number was a heifer donated by Ed and Anna Snook of Cedar Hill Farm, Clearspring, Md. The heifer actually sold twice, with the gavel dropping once on a bid of $1,250 by five members of the Maryland Polled Hereford Association, Inc.: Calvin Sayler, Rocky Ridge; George Brennan, Tamsey Farm, Easton; GLenn Bactell, Huckleberry Hall Farm, Smithburg; Fred Archibald, New Market; and Frank Darcey, Spring Bottom Farm, Fairfield, Pa.

The donated Polled Hereford heifer brought a total of $1,675 dollars when the final bid was recognized. Proceeds of this sale are going towards the Maryland Polled Hereford Queen fund.

Altogether, 51 females and 5 bulls sold for an average of $770.— SM

Donald and Wanda Eader, left, purchased another Huckleberry Hall Farm consignment, the afternoon show's champion bull. Holding the champion's ribbon is consignor Glenn Bachtell with manager Sam Hunter at the halter of HHF Bets Lad 11N.

William and Louise Fisher, Westminster, Md. bought the sale's senior champion female, a Bet daughter consigned by Dr. Chia Chuen Su, Hagerstown, Md. With the Fishers is Maryland Polled Hereford Assn. president Ronald Mills, far left, a 12-year veteran in the Big Bold Breed business.

Vet urges egg producers to blood sample flocks

LANCASTER — A simple program of blood sampling can help poultrymen keep tabs on the health of their flocks, and if something goes wrong with a particular flock, the samples can be used to track down the causes.

"Blood sampling is still a relatively new area of poultry management," Dr. Glyde Marsh told a gathering of 150 egg producers and poultry industry suppliers Friday, April 2, at the Lancaster Farm and Home Center.

"But it can be a very effective tool for determining whether or not vaccination programs are working, and for tracing disease problems all the way back to their beginnings."

Dr. Marsh is an Ohio State University veterinarian who spends half his time on poultry farms, working with flocks and their owners. His byline shows up regularly in national poultry publications and he's a frequent guest speaker at poultry functions. He was in Lancaster at the invitation of Pennfield Corporation, sponsors of a day-long seminar on profitable poultry farming.

Blood sampling doesn't have to be complicated, Dr. Marsh said. In a typical layer house with 60,000 birds, just 10 individual birds can serve as sampling subjects, if they're spaced fairly evenly throughout the house. Every two months he recommends withdrawing 5 cc's of blood from the brachial vein of each test bird. Throughout the laying cycle, he said, these test birds should always be the same individuals.

The blood samples should be allowed to sit at room temperature for a few hours. After a while, the red blood cells will form a clot over a cloudy liquid, the blood serum. The clot should be thrown away and the serum stored in a freezer. It contains all the antibodies produced by the birds to combat all the diseases they've ever been exposed to. If the flock gets sick, the samples can be used to determine whether or not the birds were vaccinated for the particular illness, or whether or not the vaccine used lost its effectiveness over a period of several months.

Some advocates of blood sampling feel more than 10 birds should be used. They recommend as many as 75 or 100 individuals in the testing program. Dr. Marsh feels that's much too ambitious. It's impractical for working poultrymen, he said, and not worth the effort.

Dr. Marsh appeared before the group once in the morning and again in the afternoon, and talked about much more than blood sampling. A number of Pennfield people shared the podium with him. Ray Lehr, Manager of Feed Marketing; Dr. John Fidler, Manager of technical services; Scott Buckwalter, sales coordinator for layer feeds; and credit manager James Vaughn spoke on managing layer flocks for better profits.

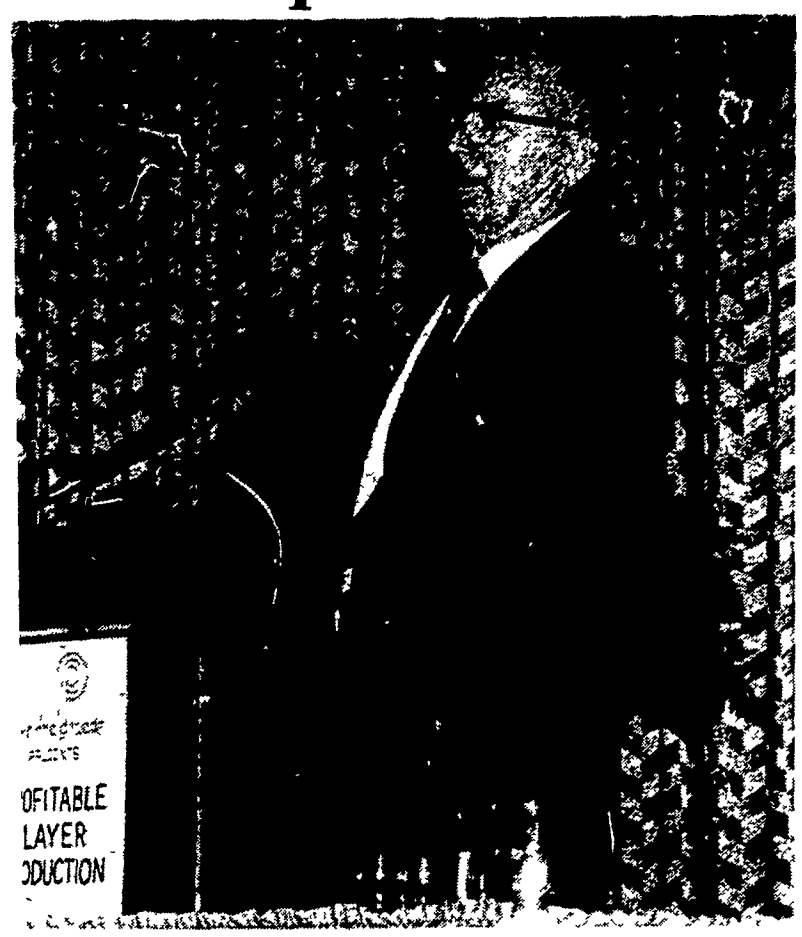
While layer management has made impressive strides over the years, Dr. Marsh said there's still plenty of room for improvement. "Never be satisfied with the number of eggs your hens are producing. There's always something you can do to get more production."

A well-fed, well-managed, well-watered laying hen has the potential for laying an egg a day for a year. The reason they don't is management, Dr. Marsh said. Scientists have bred chickens to produce an egg a day, and there's some evidence to indicate that that's about all the faster a good bird can go.

Dr. Marsh talked at some length about the body chemistry of laying hens, and how to manage them for top production. Management starts with pullets, he said.

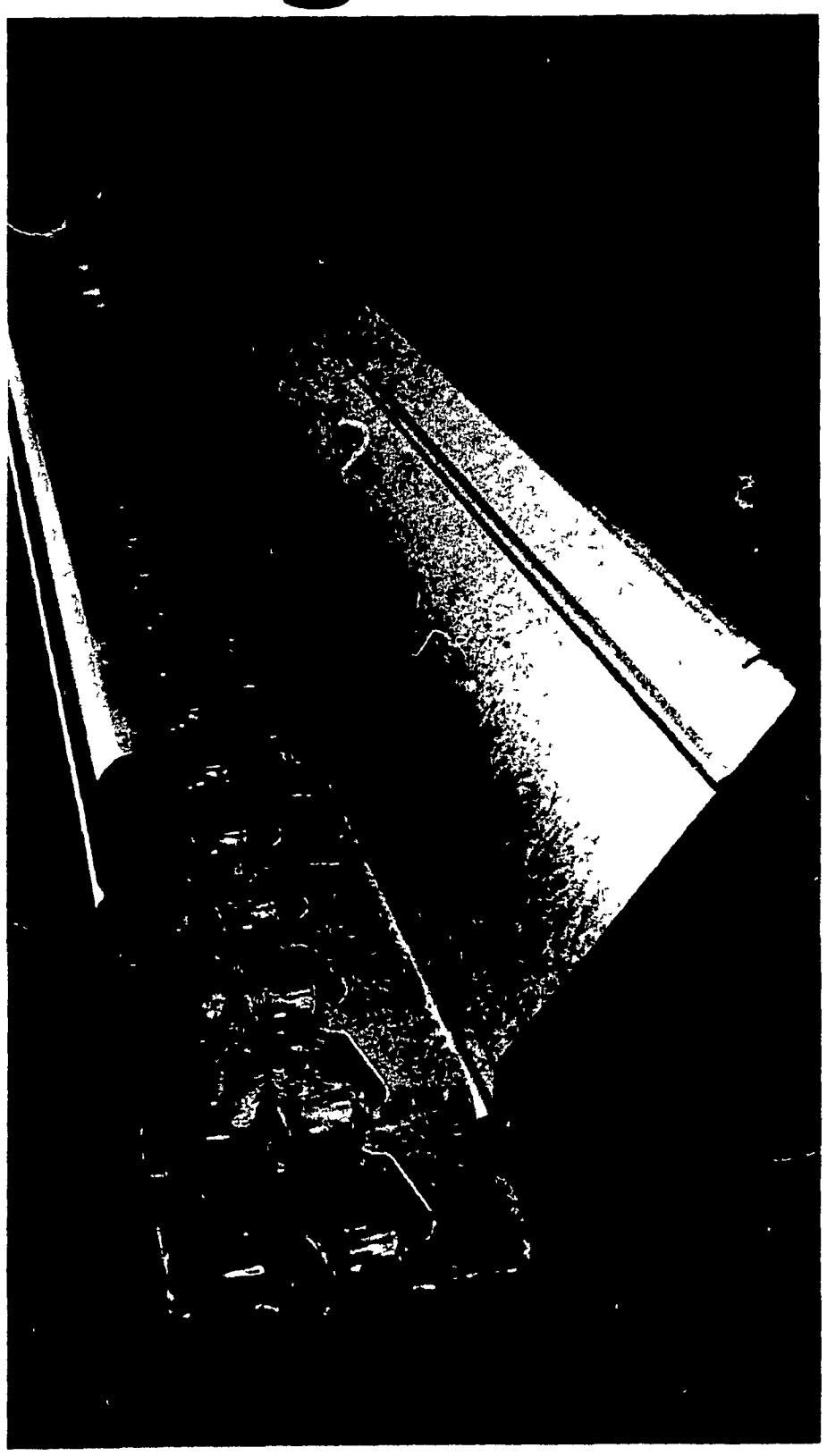
"A lot of farmers think when they fill their laying houses with pullets that they've got to feed the birds right away. That's not so. They need water right away, but

(Turn to Page A25)



Dr. Glyde Marsh, veterinarian in the Poultry Science Dept. at Ohio State University, stresses importance of flock blood sampling program at Pennfield Corp. seminar.

A Cage isn't enough



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AFBF President Robert Delano monitors farming's heart beat

BY JOYCE BUPP
Staff Correspondent

MOUNT POCONO — Ruggedly distinguished in appearance, Robert Delano projects the image of a head of a national organization

[illegible] the [illegible] as businessman-[illegible] [illegible] his recognized [illegible] leader during real estate [illegible] meeting, [illegible] meals the world [illegible] [illegible] farmer [illegible] programs during [illegible] the [illegible] and watch [illegible] [illegible] the role [illegible]

Delano [illegible] president of the [illegible] Farm Bureau's delegation [illegible] agest [illegible] group

[illegible] grain, [illegible] crops grain [illegible] the flat sandy loam near Jarratt, east of Richmond on a peninsula jutting out in the Chesapeake's estuaries

His election two years ago as the Farm Bureau head fit the final rung in the ladder he's climbed from the ground floor up through the organization's hierarchy.

After returning from the military service in the 1940s, Delano ran a dairy herd for over 15 years on the Virginia farm When local farm groups first reorganized into a county Farm Bureau in 1949, the V P.I. graduate was elected its first president. He progressed from there through state board membership, state presidency, membership on the national board, and then to national vice president.

"It's a challenging job," he admitted pausing to relax for a few moments after speaking to several hundred people at the March 30 opening breakfast of the annual meeting of the Baltimore Farm Credit district, held at Mt. Airy Lodge.

With a grin, he'd confessed earlier to that group the mixed feelings he experienced leaving the farm on a sunny spring morning for another criss-crossing of the country on Farm Bureau business

But the challenge, the pursuit of the best interest of the organization member's is the fuel that keeps him going That means [illegible] [illegible] the economics of the White House or [illegible] questions from [illegible] [illegible] grain [illegible] dairy producers [illegible] [illegible] discussion after the Farm [illegible] session

[illegible] Farm Bureau Delano implied [illegible] "Chicken Little" about [illegible] comes to confronting the tough questions facing farmers as well as the general economy

"We're not running around crying 'the sky is falling'", he told the breakfast listeners while speaking on the nation's economic status and policies that AFBF sees as vital to help turn the depression around

Support for the administration's economic recovery package gets top billing.

"Keep the tax cuts and kill the entitlement programs," insists Delano. "A ten percent cut entitlements would cut the budget way down; every percent increase costs billions."

He'd like to overhaul USDA's crop set-aside programs, too.

"Program participation would be much better with some 'up front' money," he wagered. "Pay farmers to keep out wheat acreage, maybe at $60 per acre, corn at $100, and pay 15 percent ahead. The only incentive now is the target price, plus loans."

Massive grain reserves that continue building also worry Delano, who predicted "They'll come back to haunt us."

"Farmers can't store their way out of trouble," he continued, noting current bin inventories of some two billion bushels of corn, and one billion of wheat, that will have to come on the market

Delano figured the United States must stop being the world's grain reserve holder One partial solution he offer was for ester [illegible] countries to establish their own storage systems possibly using World Bank financing

[illegible]underdeveloped nations already express concern over the U S long term supply commitments with grain buyers like the Soviets Japan and Mexico worrying that in a short year they may come await embargo banned Domestic storage for those countries would serve as a cushion against such lean-harvest heavy demand periods, Delano observed

Foreign trade interests continue to be a vital factor in the farm economy, he added The European Economic Community, or Common Market, has agreed to let U S soybean products into their market with no levies attached. But Delano still sees EEC-government-subsizided products hurting American farmers.

"We can't compete with their treasuries," he fumed. He admitted casein imports, mostly from New Zealand, aren't doing the dairy farmers any favor either.

Following the Farm Credit speech, a handful of Virginia dairymen had buttonhole Delano to discuss the possibilities of using a national quota system, since part of Virginia now markets milk under a state-run quota arrangement

Farmers across the nation aren't ready for a quota program," he asserted Farm Bureau leans more toward the cutting scale program he said, adding that he hopes the support program will be 'set but it must be tied into supply-demand pricing

Delano whose farming career [illegible] a long ago with the Farm Credit system, is disgruntled by government overtures toward shrinking access by the farm lending cooperative to established capital markets

The Farm Credit system is being included in a study of federal lending agencies, like Farmers Home and the Small Business Administrations That inclusion Delano labeled "inappropriate," and pointed out that the government already has too much impact on the amount of money in the markets where they're getting a larger share than business interests.

True eternal-optimist farmer at heart, Delano brightened, insisting that the news is not all bad.

"I think we're just about at the bottom of the economic situation, with more rapid improvement upward about the fourth quarter," he suggested. "And some economists predict that the '80s will be a time of exciting growth."

He also forecasted brighter days in another direction. "Last year there was a slight increase in the number of farmers, plus a decrease in the average age level of farmers That's a change from the past"

Conversation drifted back to the Virginia grain farm, now being managed by Delano's son who temporarily set aside his attorney career to run the operation a daughter, who's a school teacher, and his Delano back home keeping tabs on the farm, round out the Farm Bureau's first family

A thoughtful faraway look briefly crossed Delano's face as he prepared to leave the convention to catch a flight for Arkansas and another meeting that evening. The rest of his week is already booked full.

In these tough economic times, all farm families are making sacrifices.

In their support of the interests of the American Farm Bureau Federation, the Delano's of Virginia have made quite a few of their own.

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'82 American Cattlemen's conference coming May 19-20

KANSAS CITY, Mo. — Plans are being finalized for the 1982 American Cattlemen's Conference, slated for May 19-20 in Stillwater, Okla. Industry-wide interest is growing for the event, co-sponsored by Oklahoma State University and the American Polled Hereford Association.

Working on the theme "Good Moves—Now and Beyond," conference participants will take an in-depth look at the past, present and future of the beef cattle industry. All angles of the business—from cow-calf man to consumer—will be studied, along with the role of Polled Herefords in commercial and purebred operations. The scheduled line up of speakers, panels and demonstrations contains an impressive array of experts from a cross section of the industry.

One of the special events of the conference will be the live animal and carcass demonstration, "What Kind of Cattle Will it Take?" OSU staff members are putting together a display to demonstrate the extremes in meat animal type along with the ideal. Live animals and carcass cross sections will be studied, as well as the types of brood cows that produced these steers.

Panel discussions will be headed by a powerful line up of experts and will cover timely topics such as reproductive efficiency, tools for genetic improvement and a food panel that will look at the beef industry from producer, packer, retail and consumer perspectives. Discussion, questions and input from conference participants will be [illegible] the panel sessions, and plenty of time has been allotted for questions and answers.

Fresh, in-depth data and pertinent, current research results will highlight the schedule of events to present a highly meaningful program.

"We'll be taking a comprehensive look at where Polled Herefords fit into the overall beef industry," said APHA President T.D. "Dusty" Rich. "We'll look back at where we've been, analyze where we are, project where we're moving and determine how to get there."

For more information on the 1982 American Cattlemen's Conference, contact the American Polled Hereford Association, 4700 E. 63rd St., Kansas City, Mo. 64130. 816 333-7731.

Blood sampling

(Continued from Page A23)

not feed. They shouldn't be fed before they're taking water. A day without feed won't hurt them. In fact, a chicken can go as long as 40 days without feed."

A problem in the modern henhouse, in fact, is the same problem that afflicts two-legged Americans of the human species. Obesity. Overfed chickens don't produce any more eggs, but they do consume much more expensive feed than they should, Dr. Marsh said.

He emphasized the need to limit stress, the importance of a clean and comfortable environment and urged constant vigilance of each flock's health.

In an average flock, very few chickens will lay an egg a day during their 12-month stay in the henhouse, Dr. Marsh said after the meeting. A good average is 260 eggs, or a little better than two eggs every three days.

"Even this is a remarkable feat," he said, "considering the bird that is the ancestor for all modern chickens, the jungle fowl, or Gallus gallus to give its scientific name. Gallus gallus lays just about eight eggs a year and all at the same time.

"Poultry scientists have modified the chicken, and made it everything we need it to be. A marvelously efficient food producer. Our geneticists will never run out of things to do, but I think we are close to the physical limits of what a chicken can produce.

"The chicken has only one ovary and one oviduct. So there's been some speculation about what would happen if we were to breed a strain of birds with two ovaries and two oviducts. Could we get them to produce two eggs a day?

"Probably not. There's a lot more to egg production than ovaries and oviducts. We have found some chickens with two sets of these organs, but they haven't produced any more eggs. The chicken's brain, her liver, her pancreas — her entire endocrine system, in fact — gets into the act. And these are they systems that limit egg production.

"Scientists are working on more efficient strains of birds, but the real secret to better egg production isn't in the hands of laboratory scientists right now. It's in the hands of farmers, the people who own and manage the henhouses."

NMC reviews udder health from experts around U.S.

LOUISVILLE, Ky — Nearly 300 members of the National Mastitis Council took part in a very strong annual meeting program in Louisville, Kentucky during February.

Virginia Poly Technical Institue and State University and the University of Wisconsin presented convincing data which demonstrated that milk production is greatly influenced by an increase in somatic cell counts even at very low levels.

Ohio Agricultural research and development center discussed lactoferrin and other materials in the udder which protect the dry udder from infection. It was pointed out that the bovine mammary gland is more susceptable to new intramammary infections both at the beginning and near the end of the dry period.

At these two times, the gland is undergoing functional change and fluid is accumulated in the gland and the absence of regular milk removal suggests that bacteria can colonize more easily in the canal of the teat. Dry cow therapy can provide adequate control of new infections during the early dry period but there is a need for a method of control during the time just prior to calving.

Antibiotics, a bane or blessing was the subject of symposium on antibiotics. John Spaulding of the United States Department of Agriculture spoke on the total residue avoidance program. With the aid of a task force, he hopes to develop a basic management guide that includes not only good management practices but also identifies areas where residue still enters the system.

The University of Nebraska shared details of their successful on-the-farm mastitis program which has been underway since 1979. This extremely successful program has now reached 3,500 people in 81 locations around the state of Nebraska and dairymen are now calling the extension for assistance and development of a strong mastitis program on the farm.

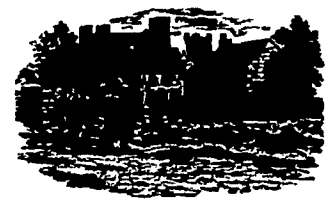
Chosen to serve as president of the National Mastitis Council for the coming year is the University of Wisconsin Extension Dairyman, Allan Bringe. Long involved in Wisconsin's mastitis programs, Bringe succeeds Robert Dawson, Babson Brothers of Oak Brook, Illinois, who served as president during 1981. Elected to vice president is Arlan Schwinke of Morrison, Missouri, a dairyman who also serves as treasurer of Mid-America Dairymen, Inc.

The summer meeting of the National Mastitis Council will be held on Thursday, August 26, 1982 at the Gult House in Louisville, Kentucky and the 1983 annual meeting will be held on February 21-24, 1983 at the Executive West in Louisville, Kentucky.

Adams beef meeting Tuesday

GETTYSBURG — Penn State's Lester Burdette will be the featured speaker at the Adams County Beef Producers' meeting. He will be discussing trends in beef production for the 1980s.

The meeting will be held Tuesday, April 13, at 7:30 p.m. in the Adams County Extension Office located along Route 30, two miles west of Gettysburg.



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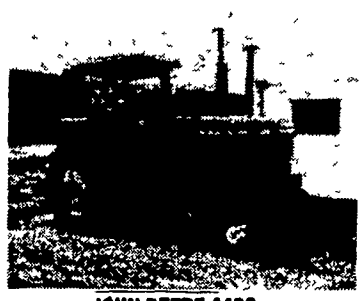

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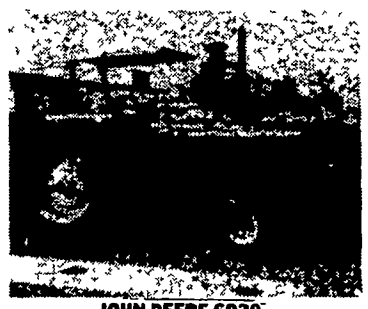

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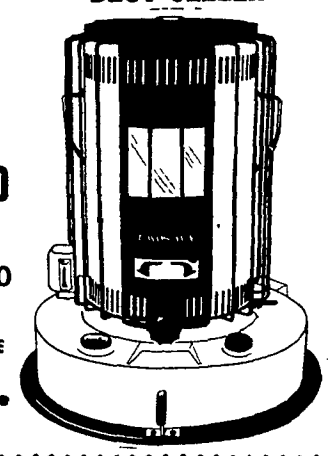

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Eastern seals multimillion $ Leprino purchase

SYRACUSE, NY — Stanley A. Korona, President of Eastern Milk Producers Cooperative, recently announced his organization has completed a multi-million dollar loan package for the purchase of two highly efficient and modern cheese manaufacturing plants located at Waverly and Horseheads, New York.

Korona said Eastern is paying $24.4 million to purchase the plants from Leprino Foods Company, of Denver, Colorado, and has borrowed $19 million from General Electric Credit Corporation to complete the 20-year transaction.

The financing and purchase of the plants by Eastern is part of a long-term milk supply arrangement the cooperative has with Leprino, in which more than 650 million pounds of milk are provided annually by Eastern to manufacture Italian cheeses in the southern tier of New York State.

The plants were built in May of 1979 by Leprino, following Eastern's agreement to supply the milk. Purchase of the plants by the cooperative, with a lease-back agreement by Leprino, culminates the arrangement as it was envisioned by both parties about four years ago.

Eastern General Manager, Michael Donovan said, "Ownership of the plants by our dairy farmer members puts the organization in an excellent position for both financial growth and membership growth in years to come. We now own two excellent cheese manufacturing facilities, which will generate substantial income over the next 20 years."

"Eastern ownership of the plants helps our members in a direct and immediate way — while helping to balance overall supplies in the Northeast", Donovan said.

Eastern's purchase was accomplished with $2 million of member equity already invested, a $3.4 million dollar subordinated loan from Leprino, and $19 million borrowed from GECC, a credit subsidiary of the General Electric Corporation. Both plants, prior to installation of a $2 million waste pre-treatment facility at Waverly, were MAI appraised at $25.6 million. Adding Waverly improvements, the plants now are worth approximately $27.6 million.

Eastern's purchase of the plants at this time requires no additional dues or equity investment from the membership. Additionally, the lease-back by Leprino provides sufficient revenue to cover both physical and interest obligations each year of the twenty-year agreement. For this reason ownership is expected to have no negative effect on Eastern's marketing costs, while substantially improving the equity position of the balance sheet.

President Korona describes the financing package as one providing "fast amortization" of the loan. Early in the schedule most of Eastern's payments to GECC accrue to principal, which rapidly builds equity; later in the period, Eastern will realize several million dollars as income. At the termination of the 20-year period Eastern members will own the facilities without capital indebtedness.

Leprino Foods, lessor of the plants, is the nation's largest manufacturer of high quality natural cheeses for use in major fresh pizza and Italian food markets. Pizza Hut, Godfather's Pizza, Kraft Foods, L.D. Schreiber, and Burger King are among the firm's major mozzarella customers.

"It is important to remember," says Donovan, "that Leprino products move in commercial markets, which are largely unaffected by the level of government purchases of surplus cheese, butter and milk powder. Markets for Eastern milk have an opportunity for commercial growth while government purchases are being squeezed."

Early in May the cooperative is planting an "Open House Pizza Party" for the members of Eastern. It will be an opportunity for farmers to visit and tour their newly acquired facilities at Waverly and Horseheads.

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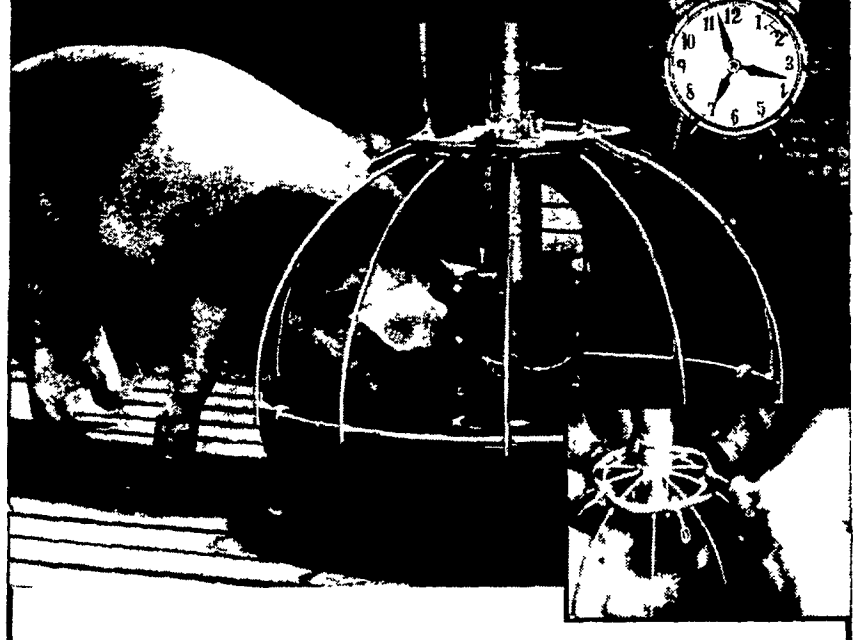

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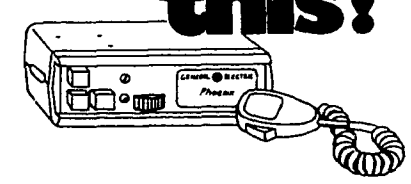

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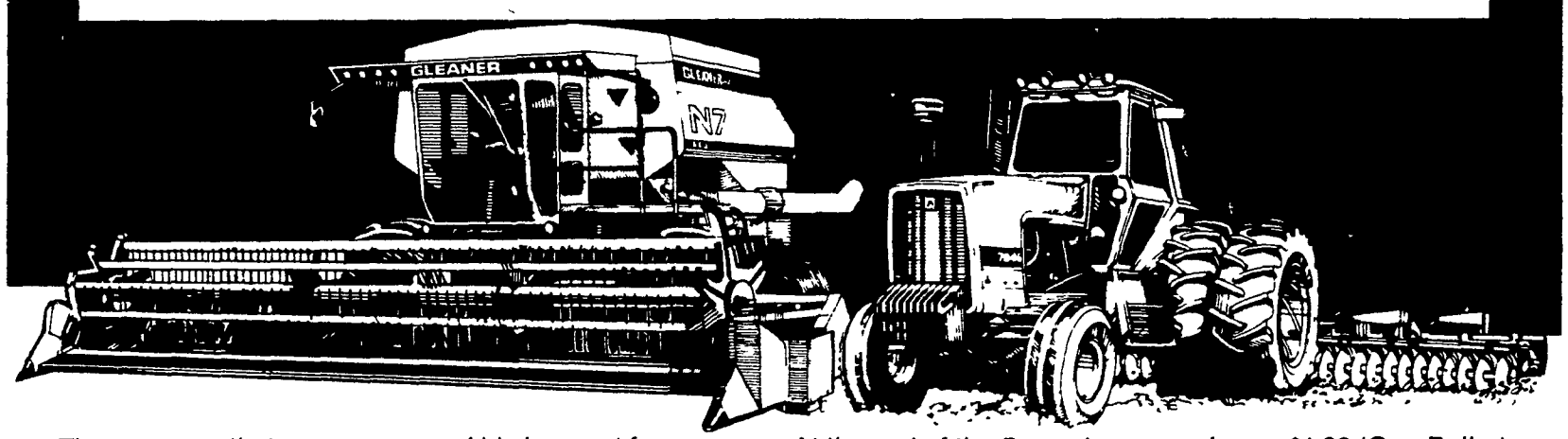

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State DHIA

(Continued from Page A1)

key punching and increased turnaround time by more than five percent. Barn sheets that took longer than a week to arrive to producers, now reach their destination in about six days.

The tight economy has caused many programs to lean away from government grants and loans, resulting in more of the private sector searching their own pockets for funds. According to Pruss, the new $290,000 facility is no exception. Producers on test will be paying for the building at a rate of one penny per cow for the next 15 years hiking the average testing cost to $1.11 per cow.

Pruss also reported that a butterfat test rate increase from 14 cents to 21 cents is expected in the near future to help defray costs of equipment purchase, new field personnel and maintenance.

Another major change producers can expect, said Pruss, is the expansion of protein testing. The lab tests about 12,000 samples for protein content and Pruss said he expects to go to all protein testing by October 1982.

Following the ribbon cutting ceremony, which enlisted the help of Smith, Butler and Robert Patterson, senior vice president of Penn State, guests and visitors were treated to a walking tour.

First stop featured an overview of the laboratory, hosted by lab manager Dean Amick. Guests watched as 20 samples were hand-loaded on a tray and then automatically stirred and measured by machines. Milk components and amounts appeared on computer screens throughout the lab.

The majority of the milk testing equipment, said Amick, was designed in England. The combination of an efficient staff and automated equipment processess more than 1,250 fat tests per hour. Amick explained that 52 percent of all samples undergo Somatic Cell Count tests, while just four percent are protein tested.

In a small room adjacent to the expansive laboratory, Ray Pruss explained the Series One computer, an efficient data transmitter, not found in any other DHIA lab in the country. The system stores all the information produced by the lab and transmits, via telephone line, to Penn State's computer center on campus where the barn sheets are printed.

The direct transmission, said Pruss eliminated the need for key punching, thus reducing the number of people involved by three. With minimal chance for human error, the system is 99.99 percent error free, Pruss noted.

A 5 inch by 7 inch piece of film, or micro fishe, is all that is needed to contain 250 monthly herd reports. Dixie Burris demonstrated the use of micro fishe when used under a viewing screen. The small film can be called up on a screen and a variety of reports ranging from monthly reports to cow indexes can be read.

Owen Etter introduced the group to the receiving area, where more than 15,000 samples arrive every day. Etter explained that less than one percent of all samples shipped are actually damaged. The huge quantity of samples arrive through United Parcel Service, but Etter recalled a strike by UPS years ago that left supervisors no choice but to either mail the samples or personally deliver.

The tour ended in the facility's meter testing room, which was previously located in one of Penn State's dairy barns. Special equipment in the room test supervisors' milk meters for broken or worn parts and balance, said fieldman John Kline. Last year, Kline said he tested more than 1,900 meters.

The state DHIA recommends that supervisors with more than 25 herds per month have equipment tested twice a year, said Kline. He also noted that all new meters must be tested before first use. Currently, four different meter types are used in Pennsylvania herds.

The state DHIA board, headed by Butler and staffed by 18 other producers around the state, include: Vice President — J. Robert Kindig, Lancaster Co.; Treasurer —Ellis Denlinger, Lancaster Co.; Secretary — Jay Howes, Centre Co.; Directors — Milan Pavkov,

(Turn to Page A30)

DHIA staffer Owen Etter displays one of hundreds of milk sample packages that arrive in the center every day. Etter estimated more than 15,000 milk samples pass through the receiving doors, daily. He noted that less than one percent of the samples arrive damaged.

This small piece of film contains more than 200 monthly herd reports. When entered into the machine, below, each report is magnified for easy observation. Dixie Burris, a DHIA staff member, explains that the small film, known as micro fishe can also store USDA Cow Index, 6-month lactations, herd summaries, reproduction management reports and lab data.

Shirley Houser of Bellefonte, one of 27 employees that helps operate the new facility, loads milk samples into a sectioned tray before they can be stirred and analyzed for butterfat and somatic cell count.

Dean Amick, left, surveys a roomful of sophisticated milk testing equipment in the laboratory. Amick, lab manager, stands before a machine that automatically stirs samples and records butterfat and somatic cell content.

Brochure on Agriculture and Food Act available

MINNEAPOLIS, Mn. — Provisions and implications of the Agriculture and Food Act of 1981 are outlined in a new publication by Peat, Marwick, Mitchell & Co., the international professional accounting firm.

The brochure—"The Agriculture and Food Act of 1981"—details major program changes by function, such as price supports or production control, and summarizes authorized program features for all major crops. Another section details recently enacted 1982 programs for wheat, feed grains, cotton and rice. The booklet is intended as a guide for farm suppliers, farmers, processors, and distributors, as well as many financial and educational institutions that coordinate and serve the global agribusiness community, according to James L. Evans, Minneapolis office partner and national director of Peat Marwick's Agribusiness Practice.

Many of the provisions could indicate a gradual movement toward a market-oriented agriculture, according to Evans. "There is mounting evidence that international demands are balancing our growing agricultural productivity, and this trend can be seen throughout the legislation," said Evans.

In a forward to the booklet, Ray A. Goldberg, Moffett Professor of Agriculture and Business at the Harvard Business School, writes that it is "...critical for decision makers in agribusiness to know not only the provisions of the 1982-85 Food Act but also how to use these provisions in attempting to limit the greater volatility and risk that exist in the total vertical food system from farm supplier to distributor."

The provisions of the Act set a new tone for government participation in agriculture, which is at once a continuation of historic trends and a signal of new directions. "Further, the legislative process reflected in the passage of this bill signals an important shift in policy formation." The brochure was written by Stanley H. Hargrove, an agricultural economist in the Management Consulting Department of Peat Marwick's Minneapolis office.

Copies of the brochure are available from Peat Marwick for $2 each. Requests should be made in writing and accompanied by a check. They should be addressed to Agriculture Brochure, Distribution Center, Peat, Marwick, Mitchell & Co., 345 Park Avenue, New York, N.Y. 10154.

Peat Marwick has 100 offices in the United States and operates in 65 countries abroad. The firm provides auditing and accounting, and tax and management consulting advisory services.

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AND OTHER OPINIONS

(Continued from Page A12)

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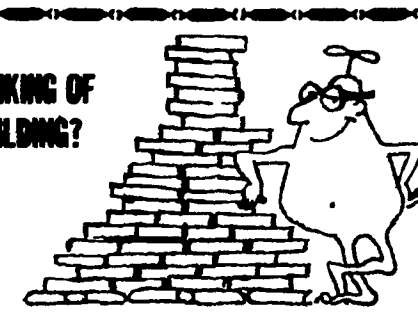

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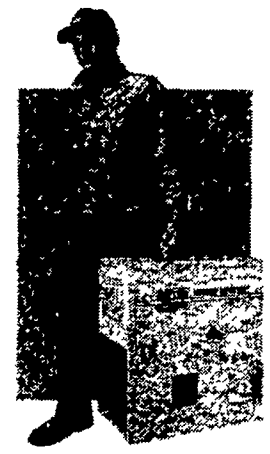

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State DHIA

(Continued from Page A28)

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DHIA administrative assistant Ray Pruss was among several DHIA staffers that greeted guests and visitors to the new building. Behind Pruss stands the unique Series One Computer, which stores virtually all information that enters the building and transmits data to the University's processing center where DHIA barn sheets are printed.

Fieldman John Kline explains the workings in the new meter-testing room. Before the new room was completed, Kline tested milk meters in a room adjacent to a Penn State dairy barn. Last year, Kline tested almost 2,000 milk meters.

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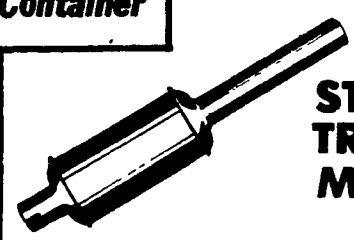

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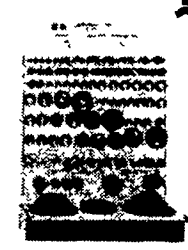

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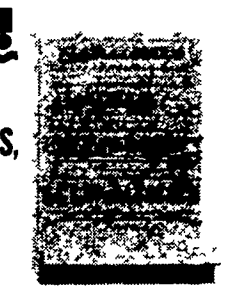

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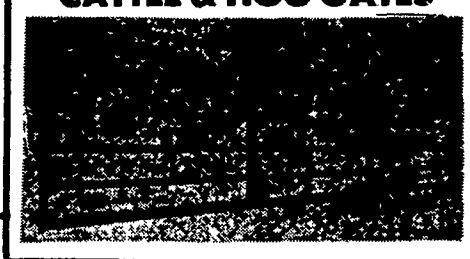

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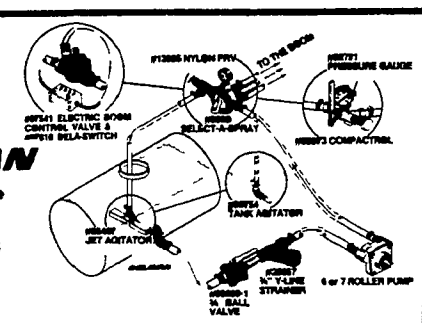

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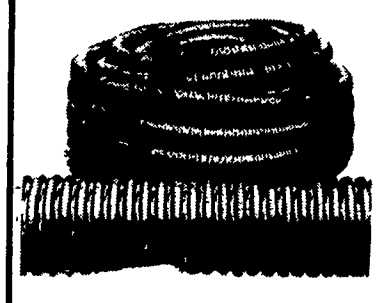

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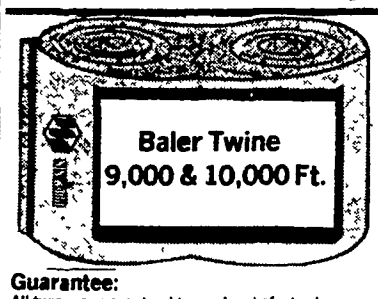

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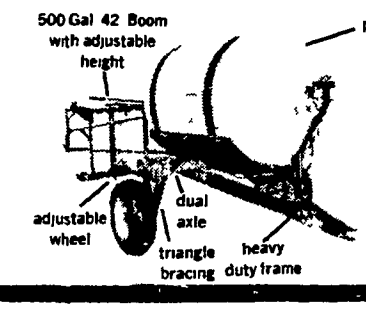

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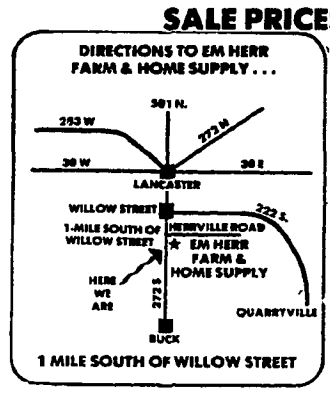

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Brooks End holds sale

BEAVERTOWN — Brooks End and Par Kay Farms held their annual spring sale on April 2, with 205 head selling for $65,910 for an average of $322 per head.

The top selling animal was a Yorkshire Boar, Lot 109 RBT1 Alpine 115-9, for $950, purchased by Same Lane, Dover, N.C.

The top-selling Yorkshire Bred Gilt was Lot 11 for $610, which went to Powissett Farms, Dover, Mass.

The top-selling Landrace Boar was Lot 135 for $725 purchased by Sam Lane, Dover, N.C.

The top-selling Landrace Bred Gilt was Lot 49 for $470 to Diem and Yohn Enterprise, Hanover.

A total of 37 Yorkshire Bred Gilts averaged $442; 32 Yorkshire Boars averaged 505; and 69 head of Yorkshires averaged 471.

A total of 30 head of Landrace Bred Gilts averaged $416; 10 head of Landrace Boars averaged 438; and 40 head of Landrace averaged 421.

The 95 head of Commercial hogs averaged $178.

The sale offering went into nine states. Most of this sale offering was new imported blood from Scotland. The next sale offering of Brooks End and Par Kay Farms will be June 25, 1982.

5-year study compares conventional farming

MEDFORD, Mass. — A five-year study by researchers at Tufts University in Medford, Mass., and Washington University in St. Louis, Mo., of commercial organic farms in the Midwestern Corn Belt has found that such farms have both advantages and drawbacks in comparison to conventional farming methods.

Organic farms do not make use of inorganic fertilizers and synthetic herbicides and insecticides that are an important component of conventional crop production systems of the Midwest.

The study found that organic farms are somewhat less productive per acre of cropland than conventionally managed farms, with the difference greatest during years with favorable growing conditions but less pronounced during droughts, according to William Lockeretz, a research associate at Tufts University School of Nutrition, who conducted the study with Georgia B. Shearer and Daniel H. Kohl of Washington University and Robert Klepper.

However, Lockeretz continues, organic farms had lower operating expenese, so the two groups of farms were quite close in net profit. In addition, the organic group required less than half as much fossil energy per unit of crop output. Because they used more soil-conserving rotations, mainly involving meadow in rotation with row crops, the organic farms suffered about one-third less soil erosion.

The study is particularly significant in view of the growing interest in production methods that are less dependent on inorganic fertilizers and synthetic pesticides. Lockeretz points out, noting that those substances add to the total energy requirement of crop production and pose concern because of their environmental effects.

"The fairly high performance level of a group of farms that have completely given up conventional fertilizers and pesticides suggests that there could be interesting intermediate systems that are basically similar to the organic practices of this study, but which also involve carefully selected applications of moderate amounts of agricultural chemicals," says Lockeretz.

"Such systems might offer many of the advantages of both of these farms—the high production levels of conventional farms and the greater resource efficiency of the organic farms," he concludes.

For more information on the study, contact Lockeretz at Tufts' School of Nutrition, 617/628-5000 ext. 6128.

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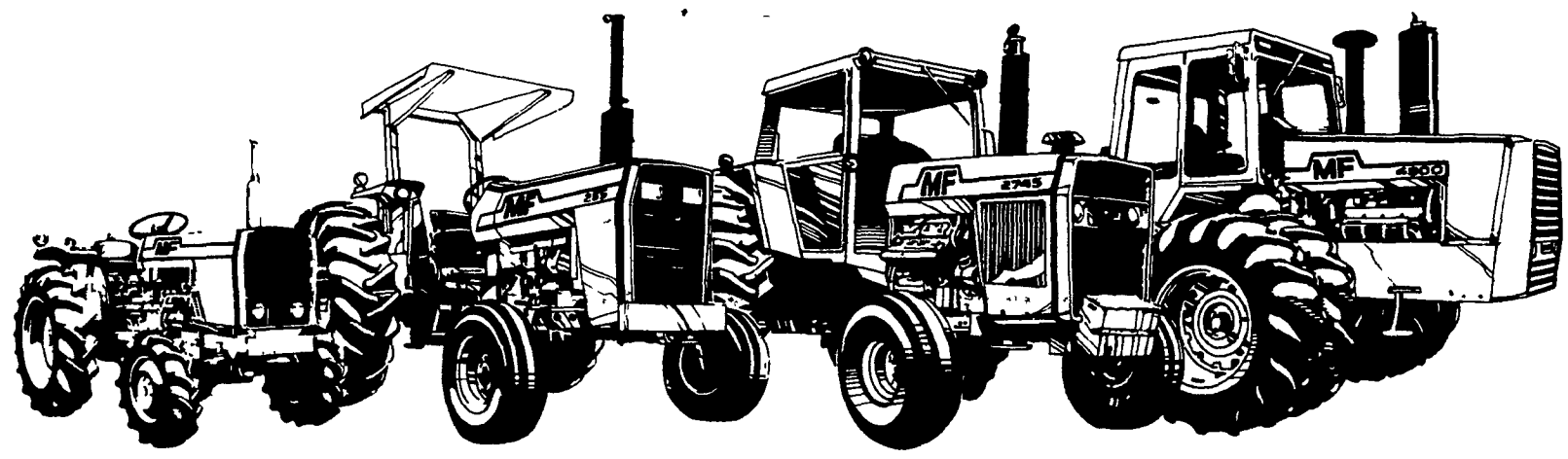

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NDHIA director promotes quality program

BY DONNA TOMMELLEO

UNIVERSITY PARK — States not meeting minimum standards specified in a proposed quality program by the National DHIA could lose their official DHIA record status, said National DHIA director of field service George Gramling.

The Quality Certification Program, still in its rough draft stages, was developed internally to upgrade DHIA programs on a national basis, he explained.

"Everybody realized we have to have something with some teeth in it," said Gramling.

And what a set of choppers! Unofficial records cannot be used for USDA sire summaries or cow index. Purebred breeders would be at a loss to merchandise cattle without official records.

But the program is not scheduled to go into effect until late 1984, Gramling reassured. Meanwhile, the national director has been on the road a great deal to bring the proposal to the local level and field expected suggestions, questions and criticisms.

The program will attempt to provide a uniform set of standards that all 46 states, which currently have DHIA programs, will follow. However, Gramling admitted that evaluation procedures have yet to be finalized.

Gramling explained that variation regarding certain DHIA practices can vary from state to state and county to county. For example, the NDHIA recommends that milk meters be tested at least once a year.

"There are many cases where this has not been done," said Gramling.

Meter testing and length of time between tests are the only two requirements on the entire program. The remaining set of standards, Gramling noted, are listed as recommendations.

The national Q.C.P. calls for testing meters not less than once a year. Pennsylvania DHIA recommends that all supervisors with more than 25 herds per month check meters every six months. In addition, any new meter in Pennsylvania must be checked before first use.

The second Q.C.P. requirement states that no more than two percent of all test intervals exceed 45 days.

The remaining recommendations, Gramling noted, will be divided into three categories — field services, milk testing laboratories and dairy record processing centers.

If Q.C.P. is approved, a supervisor could very well end up back in school. In addition to on-the-farm training, the Q.C.P. recommends a new tester attends a beginner's class as well as an annual conference.

Gramling explained that an annual job perfomance exam also is being considered. Supervisors would be evaluated on meter care, sample handling, rule enforcement, percent error and turn around time.

The Q.C.P. suggests that each state supply its membership with the DHIA rules. Gramling stated that infraction of by-laws will be properly enforced. Although he admitted the NDHIA will have more enforcement authority, Gramling said the national association will concentrate more on promoting the program through education.

Under the Q.C.P., members will have to provide visible identification on all cows tested. Gramling noted that state's should strive for no less than 11.25 tests per herd per year, as an average. He explained the more often a herd is tested the more useful the information becomes in herd management.

The Q.C.P. also suggests that states offer all official National Cooperative DHIA programs.

In order to qualify for certification, states must meet a minimum set of standards. If below that minimum, said Gramling, the state will be offered a grace period of at least a year. At the end of the grace period, if a state still turns in a below minimum score, it will operate in a "non-certified category."

"That state will be unoffial," said the national field director.

Although nothing has been finalized, Gramling remarked that at the next meeting of the NDHIA board of directors in July 1982, "something can be approved."

Until then George Gramling, a Wisconsin native, will continue to put many miles on his auto as he travels around the country to bring the program to the people.

Most of George Gramling's time has been spent traveling across the country and explaining the DHIA's proposed quality certification program. The national director of field services visited Penn State on Tuesday and helped christen the new state DHIA building.

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Scientists get to the root of tall fescue yield, quality

ATLANTA, Ga. — U.S. Department of Agriculture researchers, in cooperation with Auburn University, are identifying root system characteristics that will improve tall fescue's forage yield and quality, according to C. Bruce Williams.

Tall fescue is a cool season perennial grass utilized for pasture, hay, and erosion control throughout much of the United States. Forage yield and quality is often limited by poor physical and chemical conditions. At times during the year, the plant is unable to supply grazing animals with sufficient magnesium which results in grass tetany.

Speaking at the American Society of Agronomy meeting, Williams said that "the root system of tall fescue is an important but often ignored portion of the plant. Therefore, the isolation of tall fescue plants which have root systems enabling penetration of compacted soils, efficient soil water use, and high nutrient uptake is the first step toward more efficient crop production."

Williams, a research agronomist with USDA's Agricultural Research Service at Auburn University, Ala., says "the methods used in the study will enable plant breeders to more efficiently select for planting tall fescue with superior root systems."

Citing that root growth is difficult to evaluate under normal conditions, he described how growth containers were designed to permit detailed root observations. Many plant characteristics were measured, such as root diameter, root number, root and shoot weights, and mineral composition of the plants.

Williams reports that these and other studies indicate that the large-diameter root is beneficial in increasing persistence and drought tolerance, even though large roots reduce mineral uptake. For optimum uptake of essential minerals, he stressed that while root system characteristics are under genetic control, soil and climatic environment appear to greatly influence the expression of some root traits.

Other members of the research team were research associate Cliff G. Currier, ARS soil scientist Charles B. Elkins, University of Georgia agronomy professor Carl S. Hoveland, and former Auburn University agronomy associate professor Ron L. Haaland.

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Md. tobacco

(Continued from Page A1)

"Tobacco politics cross party lines," Davis said.

"They're tough and they play for keeps.

"If Pennsylvania is exempted and you start coming up with tobacco going into the burley market, there will be another law passed."

So, the key to growing Maryland tobacco this year appears to hinge on where it goes in the marketing channels.

The past few years an increasing amount of Maryland tobacco and even lighter-colored Pennsylvania tobacco has been purchased out of Lancaster County at a premium rate by a Southern buyer.

This same type of situation, but only on a larger scale in North Carolina, South Carolina and Virginia, is what led to the change in the Farm Bill to stop the growing of non-quota tobacco in quota states.

Last year, some 11,000 acres of non-quota Maryland tobacco were grown in these three states, which have quotas.

The Maryland tobacco was being used as a substitute for burley tobacco and thus affected the CCC payments that were being paid out by the Federal Government for burley quotas.

But several things make the Lancaster County quota situation different and unique.

First, Lancaster County growers, since they have traditionally rejected tobacco quotas, did not think they were in a quota area.

At the same time, the USDA was not aware that Maryland tobacco was being grown in Lancaster County.

Thus, the interpretation by the USDA of the change in the quota law was not promptly communicated to Lancaster County by the USDA because officials didn't think the Maryland tobacco ruling would have any effect.

Regardless, local growers still considered themselves in a non-quota area.

But a handful of quotas still exist for Type 53 tobacco in Clinton and Lycoming counties. This makes all of Pennsylvania a quota area.

But it has been determined that Type 53 was last raised by the only remaining grower in Lycoming County in 1976. He now raises Type 41.

But the tobacco allotments will remain in effect indefinitely, even though that particular tobacco is no longer grown, because the land was placed under conservation programs.

The Pennsylvania growers of Type 53 even turned down quotas in the last referendum, but were outvoted by other growers of Type 53 in Wisconsin, Ohio and Minnesota.

"That's ridiculous," exclaimed Congressman Walker.

"We don't want the quotas. We can't get rid of them. We're locked into them. And will always be outvoted."

James Boyd, a lawyer for the USDA, was also present at the session and explained that the courts had found in favor of the government concerning the growing of Maryland tobacco in quota states in a lawsuit brought by growers in North Carolina.

Also attending was Rep. Gus Yatron, of Berks County, whose district will now include a northeastern section of Lancaster County under the reapportionment.

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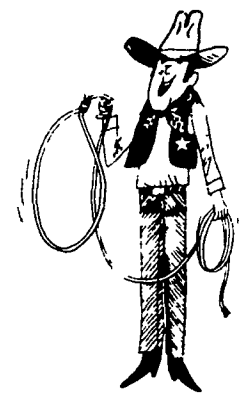

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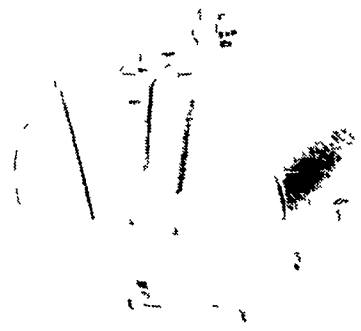

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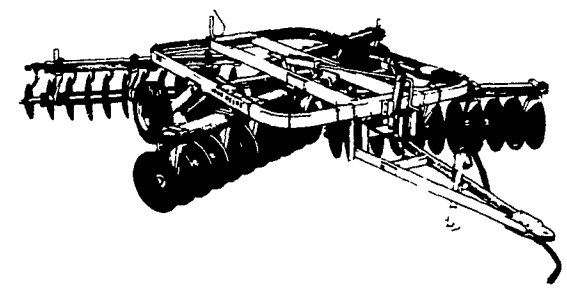

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S.E. Ayrshire Breeders hold barn meeting

BY SUSAN KAUFFMAN
Staff Correspondent

PEACH BOTTOM — The Southeast Regional Pennsylvania Ayrshire Club held their annual meeting last Saturday at the farm of Dr. and Mrs. Larry Schmuck.

According to President Kennard Henley, III, of Cochranville, the group includes Ayrshire breeders from the southeast area of the state, including Lancaster, Chester, Lebanon, York, Berks and other neighboring counties. Henley's father explained that the group formed 15 years ago as a regional club.

The group's activities include an annual evening banquet in November, a summer picnic and a spring barn meeting. Betty Henley, club secretary, said there are presently 35 members in the club.

During their barn meeting the Ayrshire breeders held a milk identification contest conducted by the Lancaster County Dairy Princess, Deb Greider. They participated in a judging contest, awarded a calf to an FFA member of the club, and held a business meeting.

Warren Schmuck explained that the farm's milking herd contains 57 cows, nearly all Ayrshire. There are a total of 130 dairy animals at the farm. The meeting was held in the 4-year-old free-stall barn equipped with a double-four herringbone parlor.

Colleen Spahr, daughter of Mr. and Mrs. Wayne Spahr, 4 Oak Lane, Willow Street, was selected to receive the FFA calf donated by Ann and Nelson Young, Timberlawn Farm, West Grove. Colleen is a sophomore at Penn Manor High School and currently has a dairy animal as her project. She will be keeping her newly acquired calf along with her FFA-heifer at a neighboring farm since she has no facilities at her residence.

County Agent Glen Shirk assisted in the day's activities and Dave Harnish acted as judge.

Lancaster County Dairy Princess Deb Greider officiates at the milk sampling contest held last Saturday during the S.E. Regional Pa. Ayrshire Club's barn meeting. Participants like Colleen Spahr, center, and Karen Long, right, put their tasters to the test. They sampled six different types of milk — Holstein, Jersey, Brown Swiss, Guernsey, Ayrshire and goat milk — and picked their favorite 'swallow.'

President Kennard Henley, III, poses with FFA calf recipient Colleen Spahr, center. The calf, donated by Ann and Nelson Young of Willow Street, never made it to the field day held at the Warren Schmuck farm, Peach Bottom, due to the weather. Schmuck, right, milks 57 cows, mostly Ayrshires.

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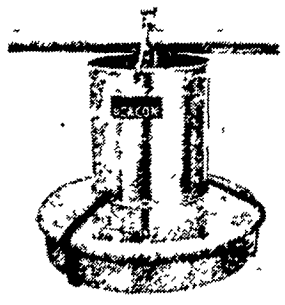

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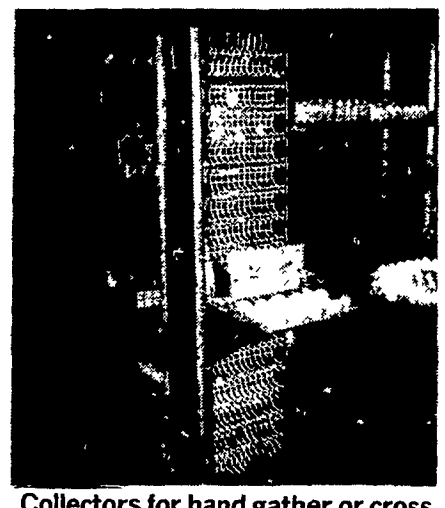

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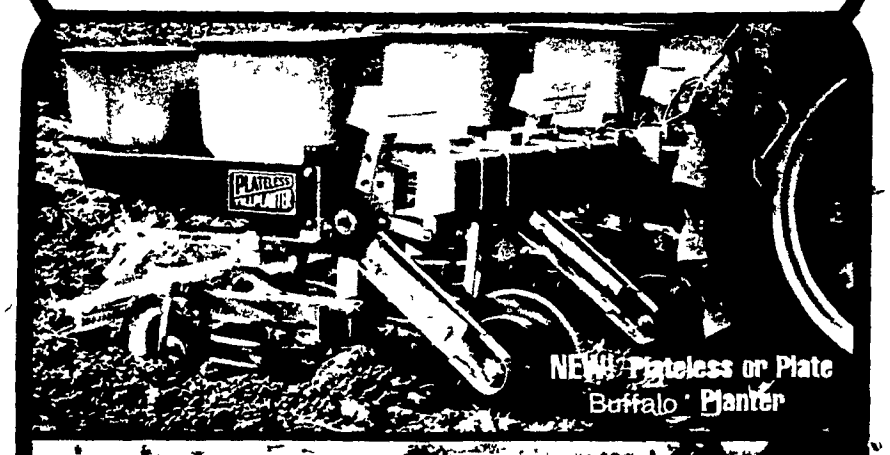

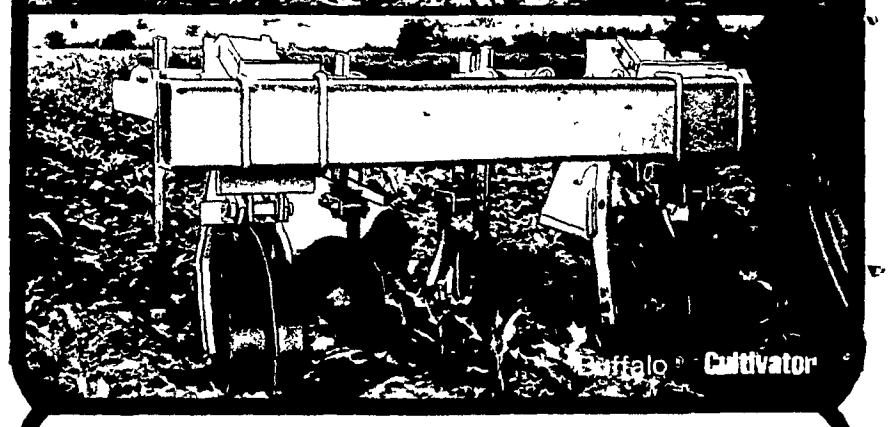

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Conservation field day sparks interest at Md. farm

COLLEGE PARK, Md. — Loudspeakers blared country music over the roar of farm machinery while about 300 spectators roamed around Everett Moser's farm in Frederick County, Md., last Friday watching conservation practices being installed.

The occasion was a conservation field day, sponsored by the soil conservation districts in Frederick and Montgomery counties, the U.S. Soil Conservation Service, Extension Service, and Agricultural Stabilization and Conservation Service.

It was strategically timed, say sponsors, to give area farmers a chance to see what conservation practices are and what they can do before planting time By the end of the day, the practices that were installed will decrease the annual rate of erosion from over 20 tons per acre to less than 4 tons.

Harry Fouche, a young, red-haired farmer, said he was planning to install a diversion terrace on a farm he's renting. He admitted he waited for the field day so he could see how it was done.

"It's really good to do these things (conservation practices)," Fouche said. "I used to do a lot of custom work and some of them (crop fields) needed it but didn't have it. We have to save our soil for the future.

Like most farm events, there was a feeling of fellowship and camraderie at the conservation field day. People who came to watch stayed to help out, reported Catherine Gugulis, SCS information officer.

Randy and Phillip Sowers, who operate the host farm, were on hand with equipment and labor. Equipment dealers and other commercial firms donated machines, supplies, and food. A new quadractor, which looked like an elevated dunebuggy, drew as much attetnion as a 1948 diversion plow renovated by high school FFA students.

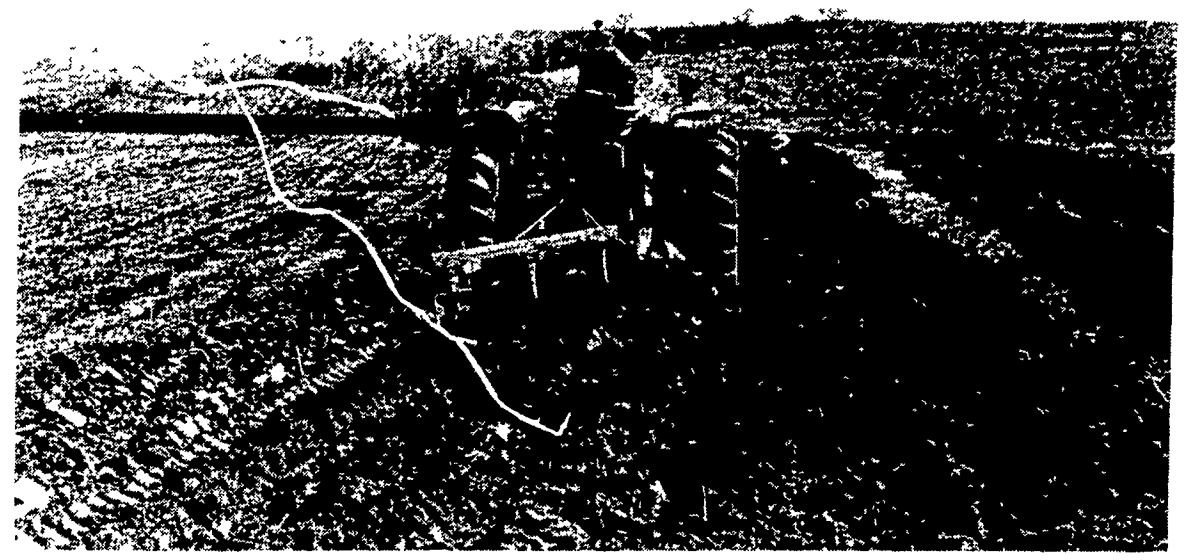
Volunteers on tractors with plows hitched behind snaked around hillsides, pushing up mounds of earth and shaping them into small ridges to form diversion terraces. These shallow channels will intercept runoff and dispense it into a pasture below. The outlet was riprapped with rock to prevent erosion where the water exits.

"When I was 9 years old," said Fred Beachley, one of the tractor operators,"the soil conservation people laid out diversion terraces on my daddy's farm They put those in with bulldozers. Putting them in with tractors is a lot cheaper."

According to Owen Unangst, SCS district conservationist, the cost of plowing in diversions is about 25 cents per foot compared to $2 per foot for bulldozing them in. Another obvious advantage is that landowners can install these diversions themselves once they have the contour lines. SCS technicians will lay out the contour line and supervise construction to make sure that the grade is correct, Unangst said.

In another corner of the field, machines dug a trench for drainage tile in a low, wet area. A nearby spring was tapped and the water fed into a new livestock watering trough. As a result, this once practically useless area can be used as pasture. The trough will provide the cows with a clean, safe water supply. It will also keep them from polluting a nearby

(Turn to Page A37)



Fred Beachley, supervisor for the Catoctin, Md. Soil Conservation District, helps plow in one of the "island" diversion terraces installed at a conservation field day on the Everett Moser farm last Friday. Conservation officials were demonstrating a number of cost-effective conservation practices to encourage local farmers to install them before spring planting.

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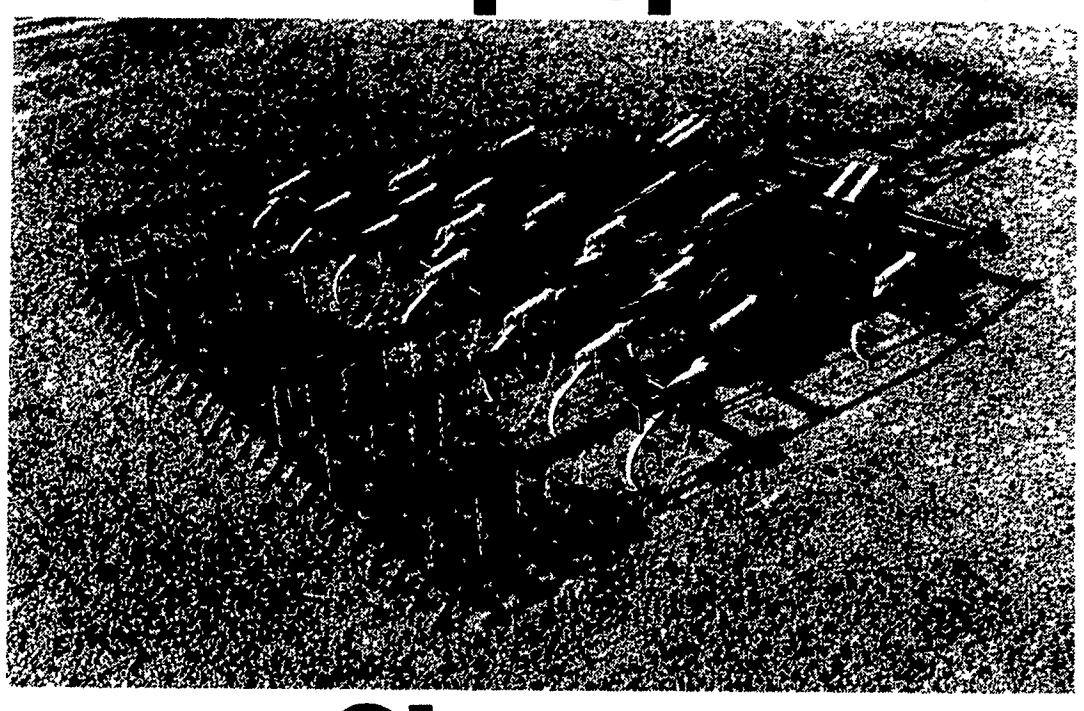

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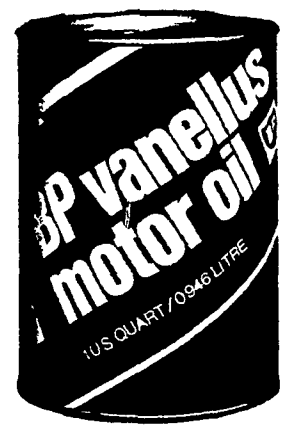

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Conservation field day

(Continued from Page A36)

stream and trampling its banks, Gugulis said.

A waterway was carved through the crop field, seeded, and covered with a Curlex blanket consisting of a layer of excelsior made from aspen between two layers of nylon netting. It will keep the seed from washing away during storms. Both the excelsior and net decompose after about 9 months, she explained.

Across the road on another hillside, a no-till Haybuster drill was being used to renovate a sparse hay field with legumes. Convnetional tillage would have subjected the steep hillside to serious erosion The improved hayland will provide better erosion control and more nutritious feed for the cows.

Visitors could also see an animal waste storage structure which had been in operation for several years. The structure stores the waste from 100 cows for up to 90 days. This saves on the time, labor, and fuel required for daily hauling. Field application can be times to the fertilization needs of the crop and to weather conditions, thus lessening the chance of runoffs and water pollution.

About a mile down the road, contour stripcropping was being demonstrated.

"Some farmers tell us they can't afford to install conservation practices," Unangst says. "Actually, they can't afford not to. What are they going to do when their soil and the fertilizer washes away? What we're doing at this field day is demonstrating some cost effective methods to save soil and conserve water which will help increase and maintain productivity."

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1,000	4'0"	10'8"	7	1,129	*358.00
1,000	5'4"	6'0"	7	1,028	*333.00
1,500	5'4"	9'0"	7	1,388	*447.00
2,000	5'4"	12'0"	7	1,735	*546.00
3,000	5'4"	17'11"	7	2,432	*736.00
4,000	5'4"	23'10"	7	3,130	*929.00
5,000	8'0"	13'7"	1/4"	4,484	1645.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
12,000	10'0"	20'6"	1/4"	8,074	2800.00
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1 000	5'4"	6'	7	827	*75 to *100
1,500	5'4"	9'0"	7	1,388	*75 to *175
2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17 11"	7	2,432	150 to 300
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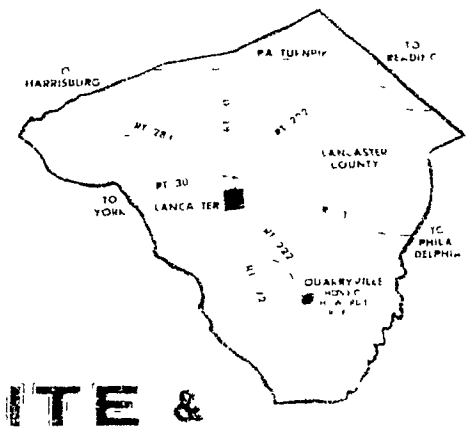

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19 19 19	$223 00	$213 00
20 10 10	$192 50	$179 00
20 15 15	$216 00	$200 00
8 32 16	$220 00	$210 00
6 24 24	$202 00	$192 00
8 24 8	$188 00	$172 00
10 30 10	$216 00	$200 00
10 20 20	$194 00	$184 00
11 22 22	$214 25	$198 25
12-24 24	$222 00	$209 00
21 7 14	$195 00	$179 00
9 23 30	$218 00	$201 00
5 15-30	$186 50	$170 50
6 18 36	$208 00	$192 00
0-15 30	$174 50	$158 50
0 10 40	$174 75	$158 75
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0 26-26	$200 50	$189 00
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46 0 0 (urea)	$218 00	$203 00
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York-Adams Pomona Grangers meet

HANOVER — Biglerville Grange #2063 was host to the York-Adams Pomona visitation nite on Saturday, April 2. Eighty-six Grange members and guest were present when Gideon Grange, Hanover presented the program, and Valley Grange, Lewisbury, filled the chairs with J. Luther Snyder as Master.

Jane Laughman, lecturer of Gideon Grange was in charge of the program which included a fashion show by the men and women of Gideon Grange; a skit by Norman and Janet Nace entitled "Women's Lib"; a reading of "Customs of the Pennsylvania Dutch", read by Amy Hahn; and a film on crime entitled, "On Guard, Bonco".

Next Visitation Nite will be June 14, with Valley Grange as host, Eureka Grange presenting the program, and Washington Grange officers filling the chairs. The meeting begins at 8 p.m. and is opened to the public.

The York-Adams Pomona Grange will hold their May session on May 8 at the Valley Grange Hall. Entries to the National Grange Sewing Contest will be judged in the afternoon, with the winners of each division going to the State Grange Judging in Centre County to be held on May 19-21 at the Logan Grange Hall, Pleasant Gap. The Women's Activity Department will also hold a bazaar in the afternoon at Pomona. For more information, call Gladys Sheffer, 717 244-3384.

Region G Day will be held April 17 at the Greenwood Elementary School in Millerstown, Perry County, beginning at 1 p.m. The tentative schedule is: Registration, 1 p.m.; Junior talent contest, 2 p.m.; workshops for all ages, 3 p.m.; recreation and crafts, 4 p.m.; exemplification of Junior Grange Degree, 5 p.m.; dinner, 5:30 p.m.; remarks and introductions, 6 p.m.; and Grange meeting and program, 7 p.m.

The York-Adams Pomona Grange officers will fill the chairs for the evening meeting and program. The charge for the day and evening meal is $5 for adults and $2.50 for Junior members. In the York-Adams area, contact J. Luther Snyder for tickets.

FIRE PREVENTION
PRESERVES FORESTS

RESCHEDULED
JOHN P. HALPIN AND SONS, INC. FARM MACHINERY
AUCTION
NEW DATE FRI., APRIL 16
11:00 A.M.
HENRIETTA, NEW YORK
Sale to be held at the John Deere Dealership on Rt. 15, at corner of Lehigh Station Road, 4 miles south of Rochester, near Thruway Exit 46.
To reduce inventory will sell:
28 Tractors; 18 Plows; 15 combines. Also selling planters; disc; harrows; balers; loaders; spreaders; drills; sprayers; other equipment.
TERMS: Cash or good check day of sale or financing available from John Deere Credit Corp. by contacting Halpins for approval before sale. No financing charge on tractors to June 1, 1982 or combines to use season. 25% down payment day of sale. Phone: 716-334-4150. Nothing to be removed until settled for. Special 10% discount on parts and oils until April 17th.
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HENRIETTA, NY
716-334-4150
Harris Wilcox, Inc.
Sale Mgrs. & Auctioneers
Bergen, NY 716-494-1880

Prepare your mare for breeding

NEWARK, Del. — A successful horse breeding program depends upon a properly conditioned mare, says C. M. Reitnour, University of Delaware Extension equine specialist. Proper nutrition, a sound program of preventive medicine, and adequate exercise are of utmost importance in conditioning.

A good program of preventive medicine should include prevention and control of internal parasites as well as immunization against diseases, says the specialist. Worm mares every six to eight weeks with recommended anthelmintics to prevent or control such troublesome internal parasites as bots, strongyles, ascarids, and pinworms. Vaccinate the animals against tetanus, eastern and western encephalomyelitis, and possibly upper respiratory problems such as equine viral rhinopneumonitis, Reitnour advises.

To prepare a mare for breeding, feed her a well-balanced grain ration containing approximately 15 percent crude protein, about 75 percent total digestible nutrients, plus high-quality alfalfa or alfalfa grass hay. If good-quality roughage is not available, make sure the horse has a supplemental source of vitamins and minerals, Reitnour says.

The highest conception rates occur when mares are in excellent physical condition — neither too fat nor too thin, the specialist says. Mares that are gaining weight going into the breeding season conceive more easily than those that are extremely overweight or underweight. For adequate exercise mares should be turned out, lunged, ridden or driven.

Start your mare now on a sound management program so the chances for fertilization will be high, Reitnour advises.

RESCHEDULED
PUBLIC SALE
for
Mr. and Mrs. Jay V. Frey, village of Cresswell, Manor Twp., (originally scheduled for Thurs., Apr. 8). will be held
MONDAY, APRIL 26
11 a.m.
Howard Shaub, Auctioneer

Maryland Simmental Association
Simmental Sale
VIII
SATURDAY, APRIL 24
6:30 P.M.
Frederick Fairgrounds - Frederick, Maryland
Selling
60 Females-20 Bulls

Fullblood Purebred Cows & Heifers
3/4 Cows with calves
3/4 Bred Cows & Heifers
3/4 Open Heifers
1/2 Blood Cows

Special feature: 20 preselected percentage and purebred Simmental bulls bred for commercial use. Many top blood lines represented.
Sale held in conjunction with the Maryland Simmental Association's Annual Meeting.
Everyone welcome.
Schedule of Events: April 24
4:00 pm Dinner (everyone welcome)
4:45 pm MSA Annual Meeting
5:30 pm Viewing Sale Cattle
6:30 pm Invitational Sale VIII
Sale Headquarters: Days Inn, Frederick, Maryland (301) 694-6600
For catalogues & information:
or
LARRY PORTER
Sale Chairman
RFD #2 Box 271
Princess Anne, MD 21853
301-651-3909
TOM STEVENSON
MSA President
Langdon Farms
Sherwood, MD 21665
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Note: Many cattle come from Certified and Accredited Herds and will meet health requirements for entry into the State of Penn.

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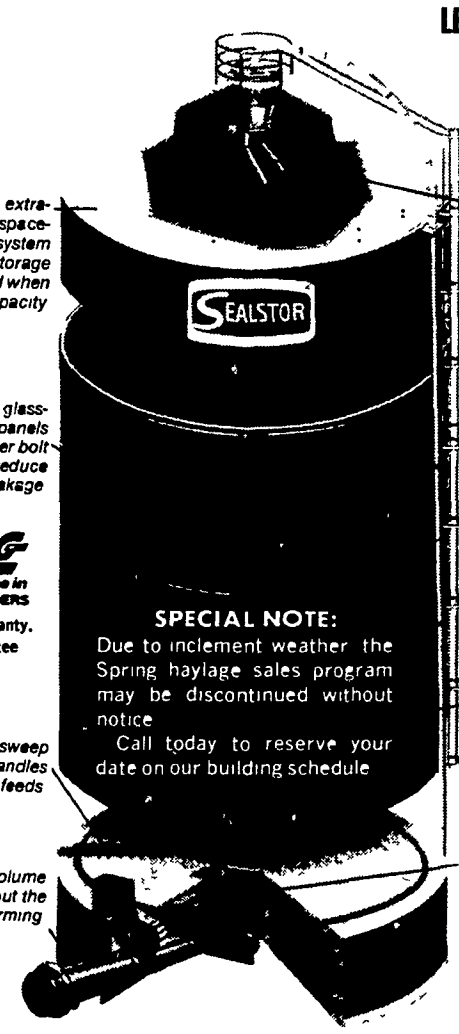

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Due to inclement weather the Spring haylage sales program may be discontinued without notice
Call today to reserve your date on our building schedule
Spring Haylage & Early Order Grain Structure Programs Now In Effect
Wouldn't you really rather have a Laidig!
The bottom unloader that is so dependable it can be backed by 3 year warranty.
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Convert your existing grain structure to a Laidig Jr. Call for early order special price.
SUPREME AUTOMATIC FEEDING EQUIPMENT Batch mixers conveyors, blowers and feeders
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There is no more profitable way to store your hay crop.
Why not spend your money on "THE EFFICIENT SYSTEM"?
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Tom Dunlap 717 398 1391
Dave Williams 717 398 2692
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☐ Please add my name to your mailing list
☐ Haylage or corn Silage Storage
☐ Supreme Automated Feeding Equipment
☐ Laidig 43R Grain Conversion for my existing structure
NAME
ADDRESS
CITY STATE ZIP
TELEPHONE (including area code)
NO OF BEEF DAIRY HOGS

Spring flush

(Continued from Page A1)

glut, D.I. instituted a program to encourage less production. The program, aptly named, HELP, began March 1 and will be applied through June. HELP provides an incentive for dairy farmers to maintain production more nearly in line with their base, Strock explained.

For D.I. shippers in Federal Order 4, the program will offer no change in the method of establishing base since they have already been operating under a base plan.

Federal Order 2 producers who have not operated under a base plan will have a daily base established at a level equal to their average daily production for February 1982.

Each division of D.I. will receive the appropriate amount of money based on the new system. Local divisions have the flexibility to determine how funds will be distributed within the division, but may not pay more than $10.50 for milk in excess of base.

Inter-State, not yet walking the surplus tightrope, has kept all its milk within the Mid-Atlantic marketing area.

"We've been able to handle all the milk we've had so far," said IMPCO spokesperson Kathy Gill.

She noted that the co-op's manufacturing plant, Holly, has been operating seven days a week and last month processed 37 million pounds.

According to Gill, IMPCO is operating at about the same level as last year as far as surplus is concerned.

"Barring any major close-downs," Gill remarked, "we're pretty well set to get through the Spring Flush."

In making several attempts to get the haulers' side of the story, Lancaster Farming's telephone calls rang in empty houses. It seems the haulers have been quite busy, lately.

Notice

Due to Public Request, New Holland Sales Stables, Inc. will conduct a late spring consignment sale

FRIDAY, APRIL 30
at 10 A.M.

Tractor & Horse Drawn Farm Equipment, farm Supplies. Call in your items to 717-354-4341. Let us know what you have to be advertised. Bring a load - Buy a load.

Small items - 10:00 A.M.
Farm Equip. - 11:00 A.M.
Tractors, Harvestors and other large Equipment- 12 noon

We will receive anytime after Monday, week of sale.

For more information contact Norman Kolb or Abe Diffenbach.

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

Spring Heifer Sale

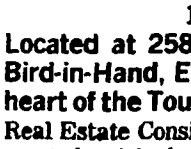
FRI. EVE., APRIL 30
at 6:30 P.M.

At the Belleville Livestock Market.

300-400 Holstein Heifers

Selling heifers all sizes, some registered, others from good herds, open, bred and springing heifers. If you need heifers plan to attend this sale. If you have heifers to consign we need a good Pa. health chart.

BELLEVILLE LIVESTOCK MKT.
717-935-2146



HORSE AUCTION
ALL BREEDS

Consignments Welcome

SATURDAY, APRIL 17
at 6 P.M.

Come early for a good seat.

We will start the sale with some tools, gift items and western hats.

Sale order: USED TACK, NEW TACK, REGISTERED HORSES, GRADE HORSES, SCOTCH HIGHLAND and LONGHORN CATTLE.

Commission: 5% horses, $5 no sale, 10% new tack, 20% used tack.

THOMASVILLE LIVESTOCK MARKET

6 miles west of York, PA along Rt. 30, next to Lincoln Drive-in Theater.

Terms: Cash and Only Approved Checks. Not responsible for accidents.

Auctioneer:
Dave Martin
R D 5, Box 58A
Gettysburg, PA
717-334-7724

PUBLIC SALE

SATURDAY, APRIL 17
Starting at 9:30 A.M.

Valuable new & used lumber. Also some good farm machinery. Sale 4 mi. west of Lewisburg (Rt. 45), turn North on Johnson Mill Road, 1st farm on left.

New Lumber

2x6x8 ft., 12 ft. 14 ft. 20 ft.; 2x4x16 ft. 18 ft.; 3x4x12 ft. 2x8x12 ft.; 3x6x18 ft. 20 ft.; 3x10x12 ft.; large quantity of each.

Used Lumber

3x5 ft.; 2x4ft. 3x9x15 ft. 16 ft.; 2x8x15 ft.; 3x4 ft.; large quantity of each.

Miscellaneous

Swinging bar doors; inside doors; outside doors; various size doors; metal stairs; 5 ft. high swimming pool.

Equipment

Post hole digger, 18 in. auger; Stow cement mixer 6 cu. ft. 7 h.p. Wisc. engine; Ag-tronic generator 3750 watts, 120-240 volts.

Truckload of New Bolts and Baler Twine, New 3 pt. fertilier spreaders and 3 pt. blades.

New 6 & 8 ton wagon running gears. Fruit Man will be here. Consignments Welcome.

Terms: Cash or approved check.

Leroy Sensenig
John Shirk
(717) 966-3974
Auctioneer:
Don Fogle
524-2580

Lunch Served
Not responsible for accidents

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2 DAY AUCTION 2 DAY

Complete Liquidation Beeghly Bros., Inc.

WED., APRIL 21 - 10 A.M.
BRUCETON MILLS, W.VA.

LOCATION: From Int. 48, take Hazleton Exit, go North 1½ miles on Hwy. 23 to Rainbow Dairy Farm and Sale.

7,000 ACRES

* **COMPLETE DAIRY FARM**
* **CATTLE FARM-TIMBERLAND**
* **HOMES AND ACREAGE**
* **COAL RESERVES**

RAINBOW FARMS - One of W Virginia's finest! Excellent equip , inc , 4, 25'x80' *Harvestore Silos (to be offered* separately or sold with farm) Beautiful 3 BR home, also several lovely homes on property to be offered with tracts of 10 acres ea

COAL RESERVES Estimated 10-15 million tons of strippable coal, 3,000 acres owned in fee, rights available on 4,000 acres, unlimited deep mine potential

Representatives on property April 16 to Sale Day

TERMS: 25% Down. Terms on balance to be announced Sale Day.

THURS., APRIL 22
10 A.M. - MONONGAHELA, PA.
LOCATED off Rte. 88 South, adjacent to Mon-Valley Country Club.

240 ACRES-CARROLL FARMS

30 acres developed This is a beautiful, well-located subdivision just a mile from the new Mon-Valley General Hospital The new Carroll Township Recreational Facility is on land that was formerly part of these lands 90 lots are almost ready for building, with water, sewer, gas, telephone and cable TV in place or readily available. SALE TO BE HELD ON THE PROPERTY

2 P.M. - WASHINGTON, PA.

500 ACRES

Fine subdivision and acreage tracts on Route 18 South of City - Overlooks golf course Sale to be held at Franklin Manor on Route 18 across from Lone Pine Golf Course

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PUBLIC AUCTION

Outstanding Valuable Real Estate
Dwelling & Warehouse

SATURDAY, APRIL 24
10:00 A.M.

Located at 2584 Old Philadelphia Pike, Bird-in-Hand, East Lampeter Twp. in the heart of the Tourist Area!

Real Estate Consists of 1.8 acres M/L thereon erected a 4 bedroom home with living room, dining room, kitchen, family room, double fireplace, built-in corner cupboard, 2 full baths, basement with laundry, large 2 car garage - 8,000 Sq. Ft. Warehouse divided for 2 tenants with Shop and rest room. "Note" This is a real nice property please don't pass this one up. Come take an inspection tour Sat., April 10th and 17th, 1:00 P.M. to 3:00 P.M. on each of the aforementioned dates.

Sale For
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SECOND ANNUAL
CONSIGNMENT MACHINERY AUCTION

SATURDAY, APRIL 17
10 A.M.

Located at Canyon Implements sales lot, Route 6, 5 miles West of Mansfield, Pa. (6 mi. east of Wellsboro, Pa.)

Selling tractors, balers, wagons, haybines, rakes, elevators, plows, drags, discs, manure spreaders, drills, corn planters, cultivators, choppers, blowers, trucks, lawn & garden tractors & attachments, etc.

Detailed listing later.

CONSIGNMENTS WELCOME

Absolute auction on all items not in "reserve bid" line. Items with reserve bid will be sold last.

Brochure mailed upon request.

For more info. call 717-724-2731 and ask for "Bert" or "Rick." Or 717-662-3131 and ask for "Dick."

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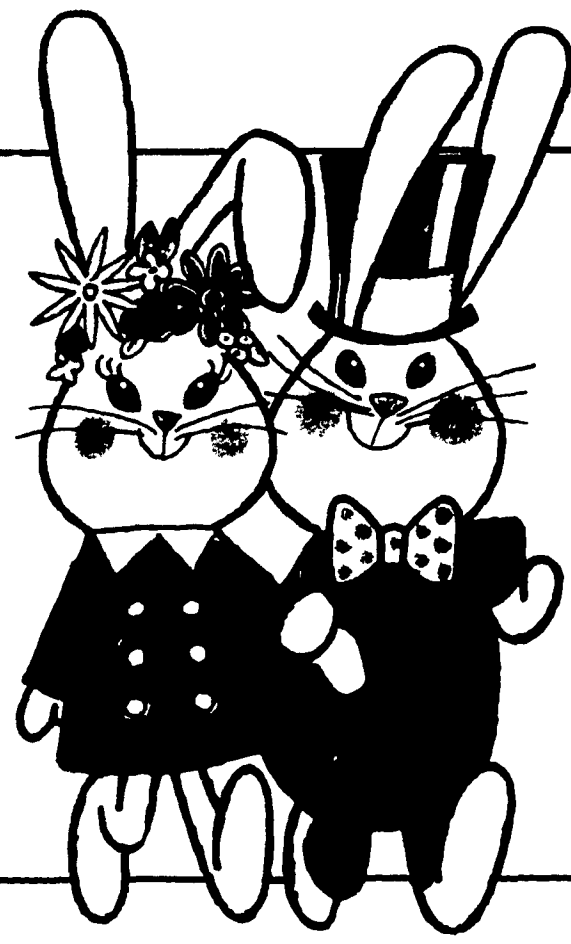

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Left to right: John, Tom & Dean

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A 'stitch in time' means revenue for Lynn Rankin

BY SUSAN KAUFFMAN
Staff Correspondent

The adage "A stitch in time saves nine" holds an obvious truth to many a homemaker. But to Lynn Rankin, a homemaker and businesswoman in southern Chester County, "the stitch in time" seems to be just what the family business needs. To clear up this confusing statement, let's see how Lynn explained the situation herself.

"When we moved to this area a little over four years ago, this store was a grocery business. It didn't take very long to realize that was about the worst investment we could have made and we had to close it. With an empty store we gave a lot of thought to what we could use it for. Quite a few people mentioned to us they felt there was a need for a fabric store in the area since you have to drive for quite a ways in any direction to find one. When my girls were younger, I used to sew a lot for them and myself, mostly by hand, since I didn't own a machine then I've always loved needlework, embroidering, crewel."

"So, opening the fabric-needlework shop seemed like a logical thing to do We opened last May. The number of customers that we are seeing each day has greatly increased since that time and it looks like the business is going to go well," she said.

Lynn lives with her husband Robert, a salesman and serviceman of organs, and also with their two younger children Jim and his wife Margaret, and their son Jimmy Paul and Andy, an eighth grader at the Oxford School District in southern Chester County. They also have two older daughters, Jinny, who lives in Georgia and Susie, who lives in Hawaii.

Lynn explained that the family lived, until very recently, in the Media area outside of Philadelphia. But it became too crowded for us and we have been much happier living out here in the country," she said.

Settling right into the activities of the area, Lynn and her family became members of various organizations. Lynn belongs to Farm Women 3 of Chester County, and for a time also belonged to Russellville Grange 91.

Lynn said she spent the last fourteen years as a news correspondent in the Chester-Delaware Valley area. She said, "I had to give this up just about a month ago because I found there just wasn't time for both the store and the newspaper work anymore. I really enjoyed the working and had my letter of resignation on my desk for a long time before I finally handed it in."

She added, "It was a hard decision because I also love to write, but it is better to do one thing right than do two of them halfway." "When I think about it, I've done a lot of things in the past from being a receptionist, a switchboard operator, to working as a desk sargeant in a small town police station. But running my own fabric business is the most enjoyable thing I've done."

These jobs, all relating directly to working with the public, have probably given Lynn invaluable training in operating a store.

She said, "I have always enjoyed people and I guess that is a big asset in being in your own business. Before going into the grocery business, I'd never had any experience handling the books, ordering and all the little things that go into your own business. I'm not too keen on scrubbing the floor, but it's all part of the business!"

Lynn is an energetic, sometimes comical shopkeeper. Not that she is in any sense of the word a comedian, but her down-to-earth evaluations and matter-of-fact summaries often contain a touch of wit. Most of the time, however, she is very serious about her tasks and the concerns of her customers.

Her shop, called "Stitch in Time" is housed in part of the family's large old brick and frame home at the corner of 896 and old Rte. 10 in Russellville.

In addition to offering a large selection of fabrics, notions, patterns, and tools of the trade such as sewing machine repairs and scissors sharpening, Lynn also maintains a large inventory of counted cross stitch supplies. "We carry more counted cross stitch than any other type of needlework because it is so popular right now," she explained. "We continually have to expand that department because of the many new items that are continually coming on the market."

Knowing what is popular and what the customers will buy are necessary ingredients of operating a store and, for Lynn, this was somewhat difficult to begin, but with the help of wholesalers and various salesmen who come to her store, she has built up an extensive inventory which she says she feels is basically sound.

I've always been a "fabriholic" who can't resist buying at least one piece of fabric when I go into a fabric shop and, like many of my customers, I too have drawers full of pieces I'll get to one day. So imagine what it is like now when I go into a warehouse with shelves and shelves of lovely colors and prints. I have to keep totalling up the cost in my mind to hold myself back. We also have quite a few salesmen who come to the shop and it's hard to resist temptation.

"When I first went into business I was afraid that the materials I selected would not be the ones my customers would like, but I had good help in selecting the basics and soon learned to rely on my own judgment."

"I won't say I haven't picked a few that are turkeys, but from my customers' comments I must be doing something right. It's something you have to learn fast — when we were in the grocery business we could eat our mistakes, but not here," she said.

Lynn readily admits that her husband is one of her biggest assets in the business because he not only helps to keep a tighter reign, but also helps out whenever she needs some work done in the store.

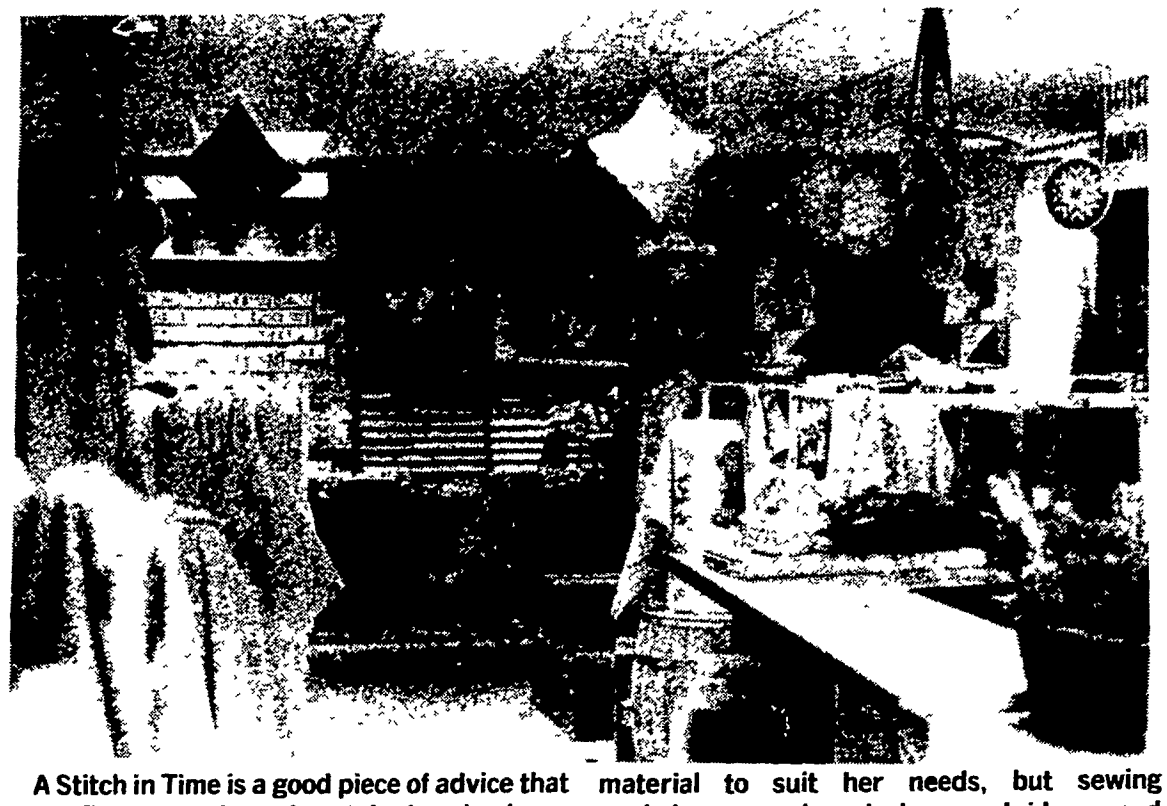
At the rear of the store, Lynn has a work area set up with sewing machine, iron and work table. She enjoys giving classes on crafts which include the very popular ribbon machine quilting and folded star crafts.

Lynn said of her own teaching, I do like giving classes although I have never thought of myself as a teacher.

One thing this experience has taught me is that I can if I really want to. I'm making things for sale and for samples at the shop that I probably wouldn't have tried before, but now that I have to, I find that I can. I guess it is true when they say that necessity is the mother of invention."

Lynn has shared with our readers her directions for making the machine-stitched, strip-quilted pillow. The technique can also be applied to making placemats,

(Turn to Page B4)



A Stitch in Time is a good piece of advice that Lynn Rankin took to heart in her business ventures by naming her fabric shop the same. Here, the hungry customer can find not only material to suit her needs, but sewing workshops, sewing designs and ideas, and even a place to get her scissors sharpened.

Homestead Notes

Here Lynn displays the pillow she made using the machine strip quilting technique. This same technique can be used to make place mats, pillows and vests.

Here Lynn demonstrates the steps to assemble a quilt pillow. Stitch a strip of fabric face down upon the center square of a diamond-shaped piece. Flip over strip and finger press. Continue sewing strips around the center square to form a first row; then start a second.

Figure 1

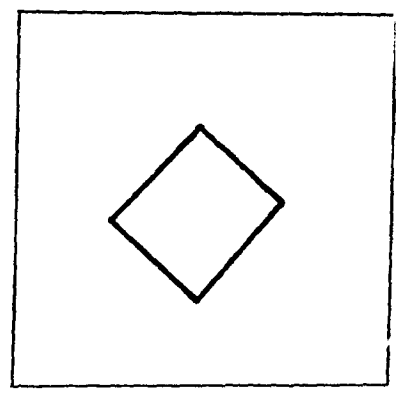
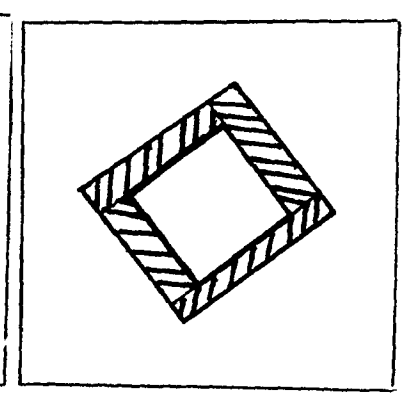


Figure 2



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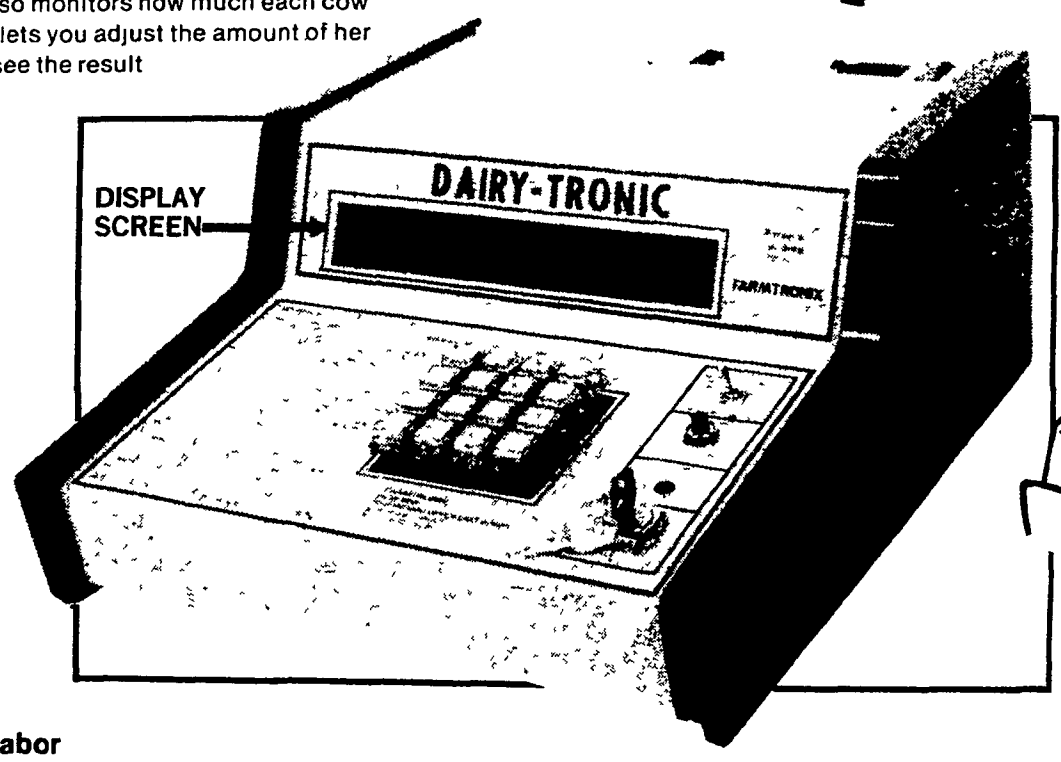
All components come with a comprehensive six-month factory warranty. An extended warranty plan is available Installation supervised by factory-trained personnel



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Automatically controls feeding of your entire herd, getting the right amount to the right cows Easy to adjust, and alerts you automatically when feed hoppers or equipment malfunctions You program the entire system from one Central Control Unit installed anywhere that's convenient

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A cow with the correct amount of feed intake for her milk production level is a healthier cow. Maintains optimum nutrition for breeding, while preventing over-consumption of grain. The system also helps you detect sickness early, by alerting you with a mark (*) on the tape when a cow doesn't eat her full amount of feed program

Controls Body Weight

Prevents milking the flesh off the backs of high producers, and keeps low producers from getting overfat

Fits Any Size Herd

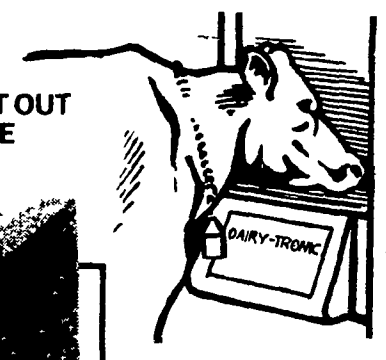
FARMTRONIX offers a complete product line designed to fit many herd sizes Included in the DAIRY-TRONIC system is multiple feed station capability delivering up to four different rations to selected cows

Pays For Itself

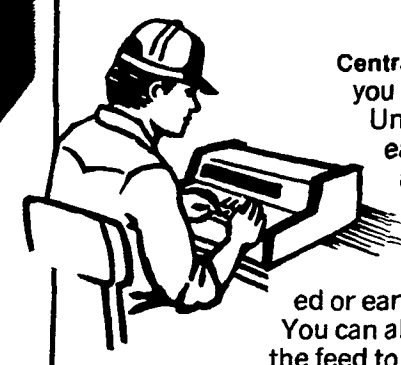
DAIRY-TRONIC gives you the data you need to do a good job of herd upgrading It increases milk production, extends peak milking periods and allows you to keep a healthier herd through controlled feeding By reducing labor, feed costs and promoting better feed conversion efficiency, DAIRY-TRONIC adds up to profitability

HOW DAIRY-TRONIC™ WORKS

Cow Identification Tag — each cow wears a special tag with her number engraved on it for visual identification The tag also carries the cow's coded number which is read by the cow identifier at each feeding station Once the tag is placed on the cow, it never has to be removed or changed



Cow Identifier— when a cow puts her head in a feeder, her identification code is read by the Cow Identifier mounted on the front panel of each feed station. A signal is transmitted back to the Central Control Unit, and the feeder automatically dispenses the correct ration and amount of feed for that particular cow Feed is dispensed at a controlled rate which matches a cow's normal rate of consumption. If she moves away or is pushed aside feed delivery stops.



Central Control Unit— you program the Central Control Unit for the exact amount of grain each individual cow should receive, and select any combination of up to four different feed rations including concentrate, complete feed, high moisture shelled or ear corn that any cow can obtain You can also instruct the unit how you want the feed to be dispensed throughout the day. The daily printout will alert you when your cows eat less than its programmed feed level The Central Control Unit may be installed in your house for convenient access

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Stitch in time

(Continued from Page B2)

pocketbooks, tea cozies, appliance covers, book covers and many other gift and holiday crafts.

Machine-stitched, strip-quilted pillow.

To make a strip quilted pillow, start with a 12 to 14 inch square piece of batting (or whatever size desired). Lynn prefers Thermolam or Pellon Fleece because it keeps its shape better and is easier to work with.

Use strips of fabric cut in varying widths from 1 to 2 inches (or whatever you prefer). When selecting fabrics around a basic color and use other shades of that color or those that contrast with it. Be sure to pick fabrics with patterns that vary such as some with small prints, some solids, some with an overall print, some multi-colored and some with just two colors. Lynn particularly enjoys helping customers coordinate fabrics for quilts and crafts.

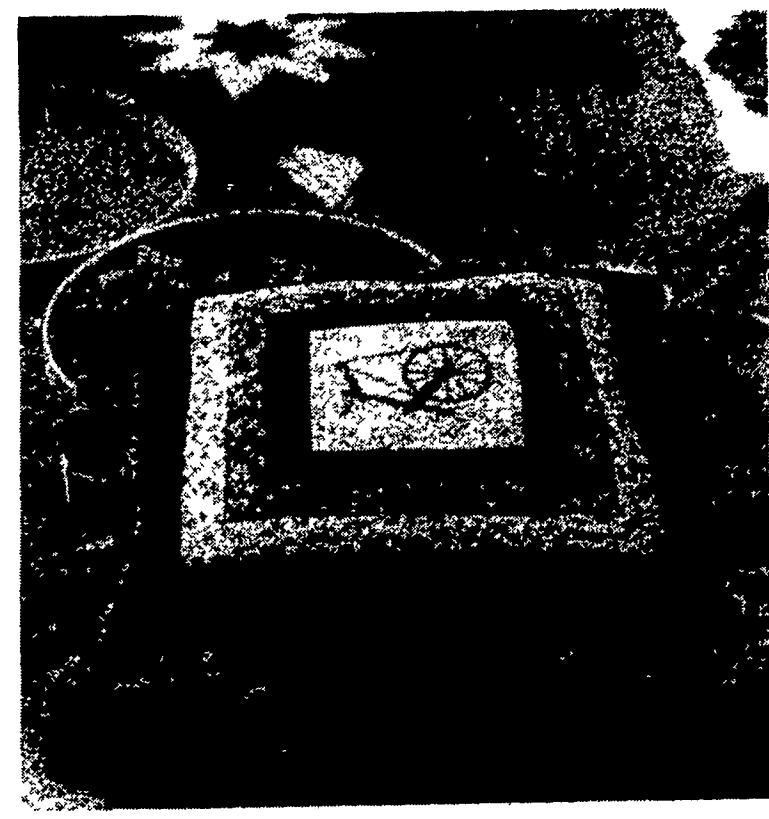
Your imagination is your only barrier when it comes to putting the strip quilting method to use. Place mats, purses, and tea cozys are just a few of the ideas.

Cut a three inch square of fabric you want to use in the center of the pillow and place it so it is a diamond shape against the square (figure 1). Take one of the strips that you will use for the first row and place it face down on top of one side of the square and stitch a ¼ inch seam along the even edge.

Flip strip over and finger press in place. Trim away excess of strip so that it is even with the edge of the center square.

Using the same strip of fabric, place it right side to right side, along the next edge of the center square and the strip you have just sewn. Stitch in a ¼ seam. Using the same strip and the same process, continue sewing around

(Turn to Page B5)



One pillow using the strip quilting also incorporates a counted cross stitch spinning wheel for the center square.

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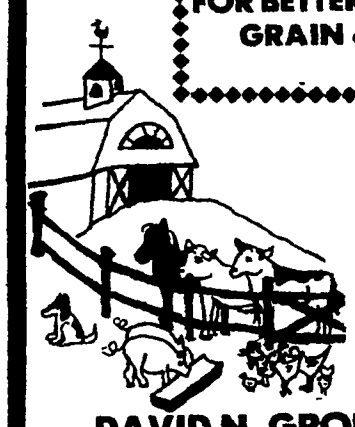

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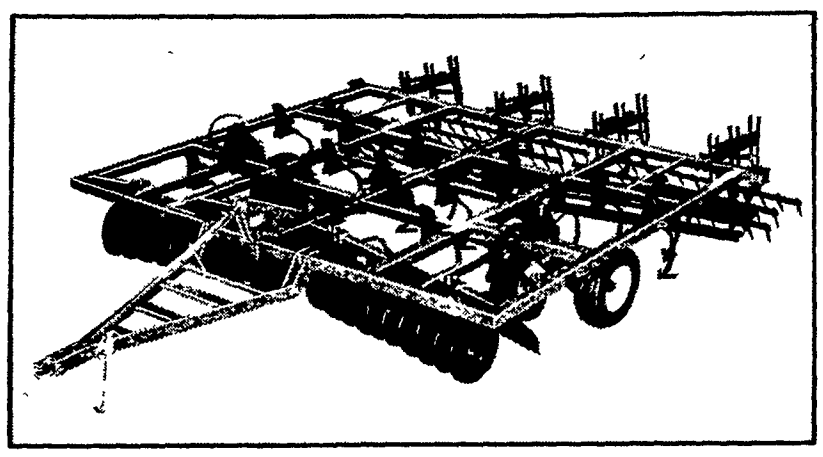

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Farm Show Commission approves 4-H, FFA improvements

HARRISBURG — The Pennsylvania State Farm Products Show Commission has approved plans for improvements to benefit 4-H, FFA and Future Homemakers of America facilities at the Farm Show Complex in Harrisburg.

The Commission, at its March meeting, voted to spend $10,000 to improve housing for youth participating in activities at the complex. According to state agriculture Secretary Penrose Hallowell, housing improvements had been considered the top priority by a Committee on Youth Activities, which was asked at the January Commission meeting to make recommendations for overall improvements in youth programs.

The Commission determined to buy or receive donations for housing improvements including ten double bunkbeds and 50 cots, replacement of mattresses, refurbishing of dormitory space, expansion of shower facilities, lighting, heating and paint.

Hallowell said, "We made a commitment to our farm youth programs last fall, and have been considering improvements for several years. This action by the Commission marks the first step toward insuring the future of these important activities for farm youth in the complex.

A second priority recommendation by the committee, increased premiums for market swine and market lambs, and a one way transportation allowance for entries in junior livestock events at the Farm Show, was referred to the Premium List Committee for further study at this time.

The Committee on Youth Activities was chaired by Thomas King, associate director of Extension services for the state. Maurice S. Kramer, state 4-H program director and Charles Lego, state advisor for FFA programs, also serve on the Committee.

The Farm Show Commission also voted to stage a second concert for the 1983 Farm Show, with proceeds again going to Farm Youth Activities. The 1982 concert which featured Tammy Wynette was successful.

Stitch in time

(Continued from Page B4)

the other two sides of the block until the first row is completed around the center square (figure 2).

Select a new strip and repeat the process to create a second row of fabric around the center block. Continue sewing strips around the square until all the batting has been covered. As you near the outer edges of the batting, you will no longer be working around a block, but will be sewing individual strips in each corner. Be sure to maintain the same color sequence.

When the batting is completely covered with fabric, steam press with a damp cloth. Clip away [illegible] off to original size of the block. Batting may have stretched.

To finish the pillow, you can sew lace, embroidered eyelet, ruffle or a combination of these around the edge. Place the backing for the pillow face down to pillow top, stitch down, leaving an opening to turn right side out. Stuff and slip stitch the opening.

Lynn suggests counted cross stitch work in the pillow center or embroidery for variety. She also said fabrics other than the typical cotton calicos can be used. Use corduroy, velvet, suede, and heavier cottons as well. Experiment for the finished product you have in mind.

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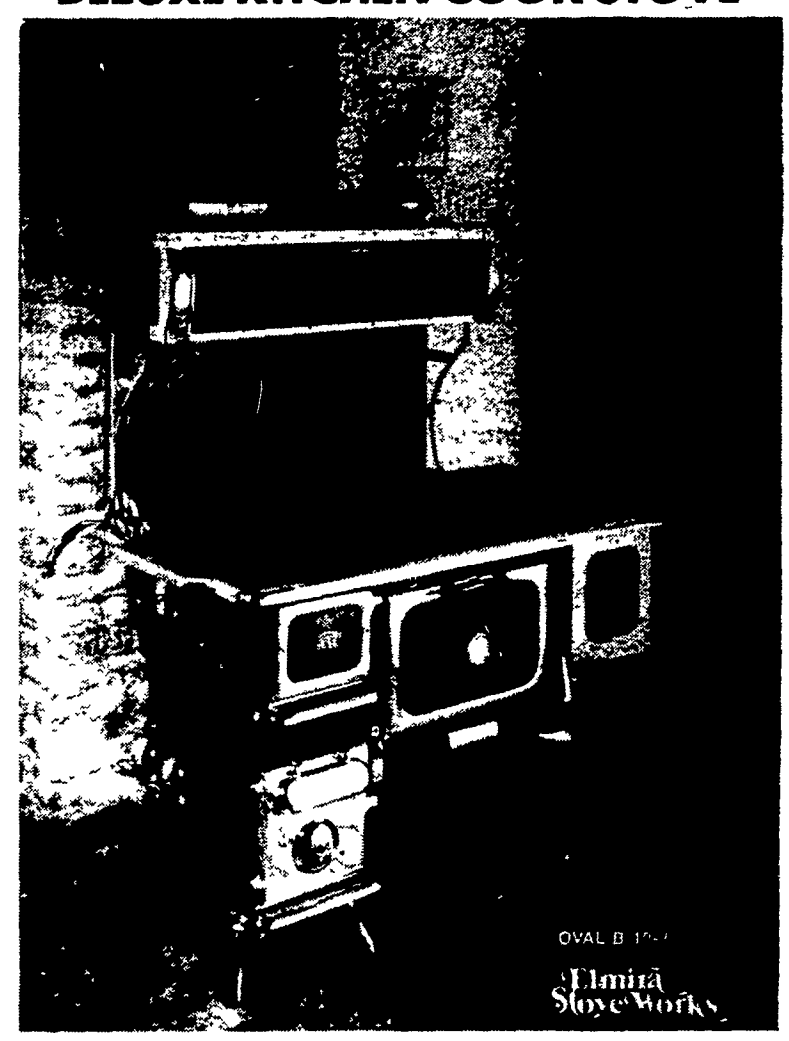

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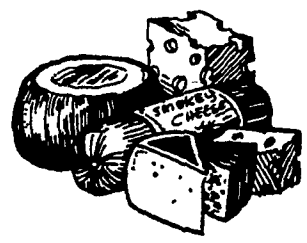
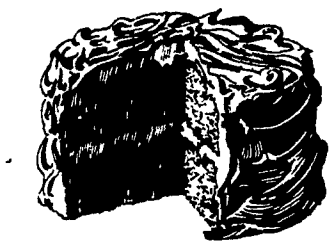


Home On The Range



Try a new side dish on Easter

Why stop the creativity and the fun in the kitchen when preparing the Easter meal after the main dish is done?

Don't just throw frozen peas or beans in a pan to cook for dinner. You spend so much time getting that main dish, that favorite meat, to just the right taste; why not keep the tradition running for your side dishes?

A delicious side dish can make the same impact on guests as a good ham will.

Try some of these side dishes — a great many of which are suited perfectly for budget watching and clock watching.

PENNY-WISE BEAN BAKE

1/2 lb. ground beef
1/2 c. chopped onion
1/2 t. basil leaves, crushed
1/4 t. oregano leaves, crushed
16 oz. can pork and beans
1/2 t. salt
1 pkg. frozen chopped spinach, cooked and drained
1 c. dry cottage cheese
1 small clove garlic, minced
1/4 t. salt
2 hard-cooked eggs, sliced

In skillet, brown beef and cook onion with basil and oregano until tender (use shortening if necessary). Stir to separate meat. Add beans and 1/2 t. salt. Meanwhile, in 1-quart casserole, combine spinach, cheese, garlic and 1/4 t. salt. Top with bean mixture. Bake at 400 degrees for 30 minutes or until hot. Garnish with egg.

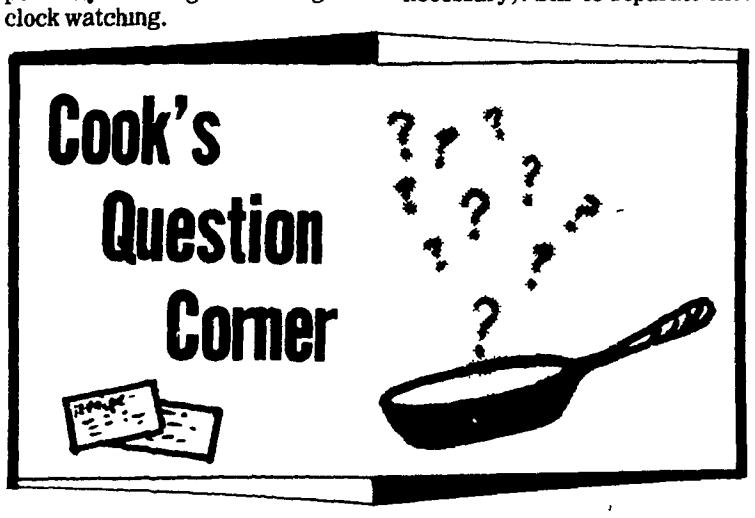
SWEDISH RICE PORRIDGE

1 c. uncooked rice
1 c. water
1 t. salt
2 T. butter
4 c. milk
1 2-inch stick cinnamon
1 c. light cream
2 T. sugar
1 t. vanilla extract

Combine rice, water, salt, and butter in saucepan. Heat to boiling, cover and cook 10 minutes. Stir in milk and cinnamon stick. Cover and cook over low heat about 45 minutes or until rice is tender, stirring occasionally. Remove cinnamon stick. Add cream, sugar, vanilla. Pour into hot serving dish. Serve with extra milk, sugar, and cinnamon. Makes 6 servings.

Mrs. Charles Pennington, Pittsburgh

Penny-Wise Bean Bake makes cents for cooks trying to stretch food dollars. The perfect side dish, it includes ground beef which could be your main dish also, and beans, eggs, and cheese.



QUESTION — In your microwave recipes published March 6, 1982, was included a "Something Special Cheesecake." Can this be made in a regular oven? I would like to try it but I don't have a microwave oven.

Mrs. DePeters, Dallas

ANSWER — Mrs. DePeters, for this information we contacted Doris Thomas from the Lancaster County Extension office for she was the contributor of the recipe from one of her favorite workshops. After checking her files, Mrs. Thomas informed us that the recipe can be made by baking the cake at 375 degrees for 25 to 30 minutes or until a knife inserted comes out clean. For anyone else interested in this extra-special cake, find the recipe below.

SOMETHING SPECIAL CHEESECAKE

2 eggs
4 (3 oz.) pkg. cream cheese
½ c. sugar
1 teaspoon vanilla
⅓ c. semi-sweet chocolate morsels
1 9-inch prepared crumb pie shell

Prepare crumb pie shell (recipe below). Beat eggs, cream cheese, sugar and vanilla with mixer until smooth and creamy; pour into crumb crust. In a small glass dish, melt chocolate morsels 1-½ minute. Spoon in drops over pie filling and swirl with a fork. Heat 4 minutes, rotating ¼ turn every minute. When pie has cooled to room temperature, chill until serving. Serves 8.

This pie is good prepared in any crumb crust, but the chocolate crust is very special.

CRUMB PIE CRUST

1 c. crushed crumbs, graham cracker, vanilla wafers, cornflakes, etc.
2-3 T. Sugar
¼ c. butter

Combine crumbs, sugar and butter in 9-inch glass pie plate. Heat 2 minutes, stirring after 1 minute to blend ingredients. Press evenly onto sides and bottom of pie dish. Heat 1 minute to "set" crust. Makes 1-9" crust.

For Chocolate Crumb Crust, add 1-½ c. chocolate cookie crumbs to the sugar and butter in recipe above. Cook as directed.

Recipe Topics

April	
17	What's your favorite recipe?
24	Chicken dishes
May	
1	Honey recipes
8	It's egg month!
15	Gelatin molds

CHEESY FRANK NOODLE BAKE

3 c. uncooked noodles
1 can condensed green pea soup
1 1/4 c. milk
1 c. shredded Swiss cheese
1/4 c. chopped onion
6 frankfurters
2 T. sliced pimiento-stuffed green olives

Cook noodles according to package directions; drain; set aside. Preheat oven to 350 degrees. Meanwhile, combine condensed soup and milk in a medium-sized saucepan. Heat to simmering point; stir in 3/4 c. cheese and onion; remove from heat. Cut frankfurters into 1-inch pieces; set aside 12 pieces. Place remaining frankfurters in bottom of a buttered 1 1/2 quart rectangular baking dish. Top with noodles. Pour soup mixture over noodles. Arrange reserved frankfurters around edges of casserole. Bake, uncovered, 20 to 25 minutes. Remove from oven and sprinkle remaining cheese and sliced olives over top of casserole. Return to oven just until cheese begins to melt, about 3 minutes. Serve immediately.

POLYNESIAN POTATO SALAD

2 cans (1 lb. 2-oz. each) vacuum packed sweet potatoes
2 c. cottage cheese
1 c. sliced celery
1 can water chestnuts, drained and sliced
1/2 c. dairy sour cream
1/4 c. sweet pickle relish
1 pkg. old-fashion French dressing mix
2 T. white vinegar
1 T. instant minced onion
1/2 t. salt

Cut potatoes into cubes. Combine cottage cheese, celery, water chestnuts, sour cream, pickle relish, dressing mix, vinegar, onion and salt. Fold into potatoes. Turn into a medium size bowl and chill. To serve, invert onto serving plate lined with lettuce.

Rice doesn't have to be served plain to be delicious. Try this Swedish Rice Porridge using a cinnamon stick for great taste.

BUTTER-CREAM CORN

4 c. fresh kernel corn
2 T. water
1 t. salt
3/4 c. light cream
2 T. butter
1/4 t. paprika
dash pepper
1 T. chopped parsley

In a buttered shallow 1 1/2 quart baking dish mix corn, water and salt; cover with foil. Bake in preheated 400 degree oven for 25 minutes. Remove foil, pour cream over corn, dot with 2 T. butter and sprinkle with paprika and pepper.

Return to oven for 10 minutes, stirring several times. To serve, sprinkle with parsley, if desired.

SALMON SALAD

Remove the bones from 1 can salmon. Season with salt and pepper.

Boil 2 eggs for 20 minutes.

Cut whites into small pieces and either mix with salmon or use as a garnish for the top. Mash the yolks with a lump of butter, about the size of one egg yolk, to a smooth paste. Add a little mustard, if you wish. Then add vinegar, a little at time, until dressing is like cream. Stir well and serve on lettuce leaves.

Mrs. Carl Bacon, Felton

ONION SHORTCAKE

1/2 lg. sweet Spanish onion
2 T. butter
1 1/2 c. corn muffin mix
1 beaten egg
1/3 c. milk
1 c. cream-style corn
1 c. dairy sour cream
1/4 t. salt
1 c. grated sharp Cheddar cheese

Peel onion slice and saute in butter. Combine muffin mix, egg, milk and corn. Place mix in buttered 8 inch square dish. Add sour cream, salt and 1/2 c. of the cheese to sauteed onions. Spread over the batter. Sprinkle with the remaining cheese. Bake at 425 degrees for 25-30 minutes. Cut in squares and serve warm. Makes 9 servings.

Sara Kresge, New Hope

If you're the lucky owner of a cast iron pot or dutch oven, don't throw it out. . . use it! The available iron in food can increase up to 400 percent when iron cookware is used.

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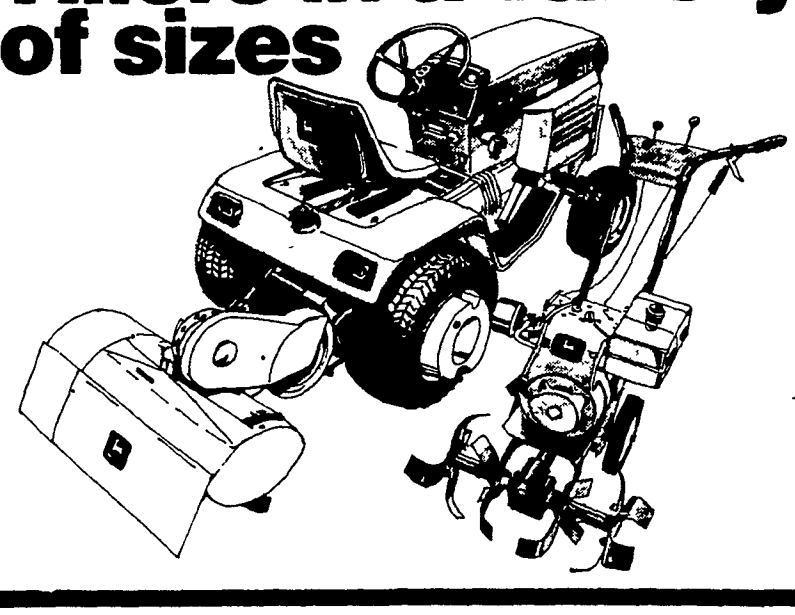

With rising cost of food, what better way to fight inflation than to grow your own vegetables. John Deere can provide the equipment to make it easier.

Two models of John Deere Walk-Behind Tillers are available. The 2-hp compact tills a swath 16 inches wide and up to 7½ inches deep. The heavy-duty 6-hp model has a 13- to 24-inch tilling width and a tilling depth of 7 inches. The compact tiller has a lock handle with full-width control bar that lets you operate the machine from behind or from either side. A unique rear-wheel/depth bar assembly swings down for transport, up for tilling. The heavy-duty model has a reverse gear and a pressure activated clutch for added safety.

John Deere Lawn and Garden Tractors pack the muscle you need for even tougher gardening chores. Choose a model, 10 to 19.9 horsepower, then add a capacity-matched tiller that tills 22 to 48 inches wide.

Stop in soon. And let us help you fight inflation with John Deere gardening equipment.

Spring into eggs

LANCASTER — Eggs have a special spiritual meaning in the spring, whether decked out in a rainbow of colors for Easter festivities, or roasted and served on the seder plate. To everyone, they mean quick, delicious and economical dishes on springtime menus

For years, the egg's shape has inspired artists The creative possibilities for individual expression on an egg shell are endless. Eggs can be colored or painted with felt-tipped pens or crayons, decorated with rickrack, sequins, feathers, hats and funny faces or simply dyed in an endless variety of hues. Decorating eggs can be fun for the whole family

If little ones do your decorating, hard-cook the eggs–they'll hold up a bit better under handling. Refrigerate them when they're not on display They'll keep nicely in the refrigerator for about a week.

There are infinite ways to crack these hard-cooked works of art into family meals. One of the most simple ways to serve a hard-cooked egg is to sprinkle it with a herb A large egg, unadorned, chalks up only about 80 calories but delivers a hefty assortment of nutrients. Two large eggs qualify as a main-dish serving, because they provide about a third of the U.S. Daily Recommended Allowance for protein. AT $1.05 a dozen, large eggs are only 70 cents a pound, and that's a real protein bargain!

Another quick trick is to mash hard-cooked yolks with mayonnaise and seasonings for deviled eggs. Or, wedge hard-cooked eggs and fold them into a seasoned white sauce, cheese or tomato sauce Serve your creamed eggs over toast, English muffins, rice or noodles. Sliced hard-cooked eggs can garnish any number of dishes from appetizers and soups through salads and main dishes.

Don't let April showers and snow dampen your spirits! Think Easter and eggs! Somehow a warm and wonderful feeling seems to creep into the room when a family gathers to decorate eggs. Gather your family, dig out your odds and ends of rickrack and frills, and enjoy! When the big day is done, if you can bear to part with your colorful creations, turn them into a side dish.

Bake a bunny-shaped carrot cake for Easter

LANCASTER — Baking at Easter is a tradition in many families; most use recipes that have been handed down from may different countries and cultures.

Sweet breads are the most popular - the Russians bake Kirlich, a tall sweet bread baked in a mold rounded on top to represent the dome of a Russian church, and most European countries have a traditional egg bread with brightly colored hard cooked eggs baked in a sweet braided yeast dough.

Americans, too, have established Easter traditions. One uniquely American custom is the baking and decorating of an Easter cake which can double as a dessert and a centerpiece for an Easter dinner or buffet. Since carrot cake is a favorite, why not try a delicious carrot cake baked in the bunny shaped pan and start your own special Easter tradition? It's easy to bake and decorate, and sure to impress family and friends.

Professional results are easy to achieve with the Wilton Easter Bunny Pan because the bunny pattern is baked right into the cake. A decorating bag and tips are used to outline the contours made by the pan; then zigzags, dots and stars decorate the egg. The bunny's fur is simply fluffed on with a spatula. To make it even easier, Wilton includes complete decorating instructions and icing recipes with each pan.

The Easter Bunny Pan is available in your favorite department or discount store, cake specialty shop or directly from Wilton Enterprises, Woodridge, IL. 60517.

CARROT CAKE

1-3/4 cups sugar
3 eggs
1 cup vegetable oil
1-3/4 cups sifted flour
2 tsps. cinnamon
1-1/2 tsps. baking soda
1-1/2 tsps. baking powder
3 cups grated carrots
2/3 cups chopped nuts

Generously grease Easter Bunny Pan with solid vegetable shortening. Dust pan with flour; tap bottom to remove excess flour. Preheat oven to 350°

In large mixing bowl, beat sugar and eggs until thickened; add oil Sift flour, baking soda, baking powder and cinnamon together; add to egg mixture. Fold in carrots and nuts.

Pour batter into prepared pan and bake in preheated oven for 45 - 55 minutes.

Cool cake and remove from pan.

(Turn to Page B9)

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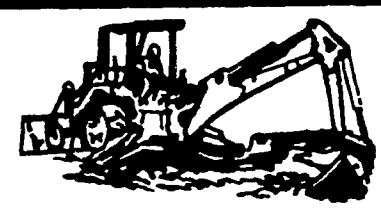

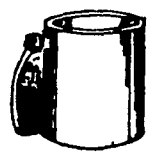

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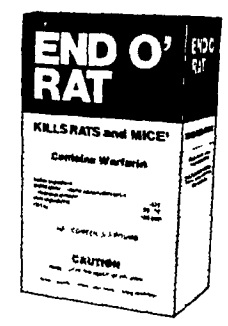

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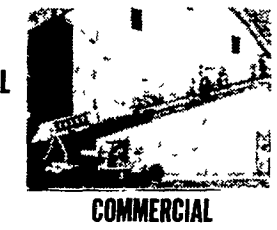
INDUSTRIAL  RESIDENTIAL

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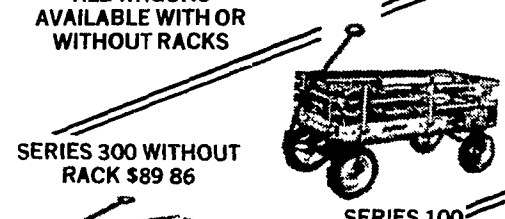

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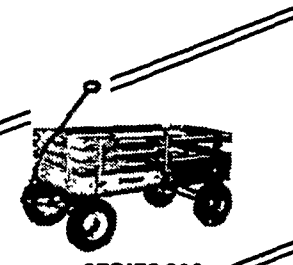

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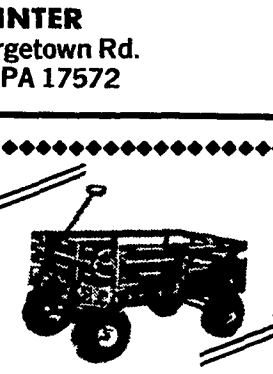

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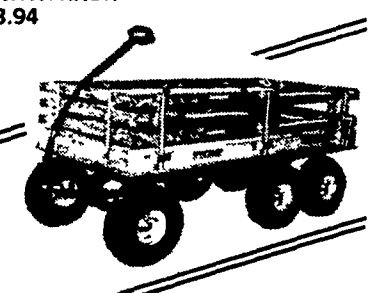

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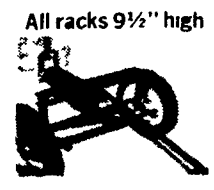

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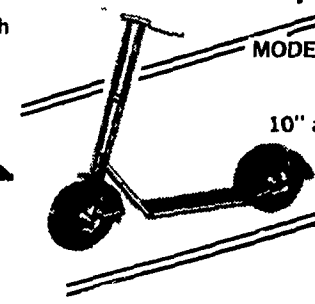

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Penn State hosts ADSA annual meeting

UNIVERSITY PARK — The American Dairy Science Association will hold its 77th annual meeting June 27-30 on the University Park Campus of The Pennsylvania State University.

"Activities June 27 will feature the ADSA opening session, a Past Presidents' Reception and Dinner, and a Student Affiliate Reception," points out Dr. Larry Specht, Penn State professor of dairy science extension and general chairman of the annual meeting.

Technical sessions are scheduled on Monday, Tuesday, and Wednesday morning. Papers will be presented in four areas: Production Division, Dairy Foods Research Section, Industry and Business Section, and Student Affiliate Division, including the Northeast ADSA/ASAS Graduate Student Paper Competition.

The Northeast ADSA/ASAS Awards Breakfast will be held June 29, along with the Student Affiliate Luncheon and Division Business Meeting.

Also included on Tuesday's agenda are the International Reception, Donors Dinner, ADSA Awards Program, and Penn State University Dairy Alumni Mixer. Sessions will conclude Wednesday with the ADSA General Business Meeting.

In addition to the regular technical sessions, there will be a symposium June 26 in honor of Dr. J. O. Almquist, Penn State professor of dairy physiology and one of the winners of the 1981 Wolf Foundation Prize.

"Tours and recreational opportunities will be available for everyone," Specht notes. "A golf tournament will be held on Sunday, a ladies luncheon on Monday, a Monday evening barbecue, and a choice of tours for spouses on Tuesday."

Preteens and teenagers may participate in ice skating, bowling, swimming, hiking, and nature study. Canoeing and cave crawling, under the supervision of a professional staff, will be available to older youth.

"Central Pennsylvania is a beautiful place to visit in June. It is accessible by air and major highway systems," the general chairman emphasizes.

PA beef cook-off scheduled

HARRISBURG — That original beef recipe you dreamed up could put a jingle in your pocket and win you fame if you enter the 1982 Pennsylvania Beef Cook-Off Contest, according to Agriculture Secretary Penrose Hallowell.

The cook-off contest, to be held at the Trinity High School in Shiremanstown on June 10, is open to all residents of Pennsylvania 18 years or older, who do not have professional cooking status.

"This is an excellent opportunity for Pennsylvanians to show off their original recipes and be rewarded for their creativity," Hallowell said.

Entries must be submitted by May 15. Finalists, selected by a panel of judges, will compete on June 10. Contestants for the final competition will be selected on the basis of originality, 20 points; taste, 40 points; ease of preparation and practicality, 20 points; and appearance, 20 points.

A minimum of six finalists will be selected to prepare their entries from the recipes submitted. First prize is $125, second prize is $60, third and fourth prizes are $30 each. The state winner will be eligible to compete in the national cook-off contest to be held in September in San Antonio, Texas.

Each contestant may submit one original beef recipe using beef chuck, round, rump, fresh brisket cut in any form or ground beef. The dish must contain a minimum of two and not more than five pounds of beef. The meat must be exclusively beef and can only be from the above cuts.

Total cooking time may not exceed four hours, not including preliminary preparations, such as marinating. Recipes must be specific, but brand names and commercial tenderizers are not allowed. The number of servings and preparation time should be included in recipe entries.

If you are interested in entering the Pennsylvania Beef Cook-Off Contest, send your beef recipes, typed in triplicate with your name, address, phone number and a brief biography to Mary Wilson, Chairman, Pennsylvania Beef Cook-Off, 862 Webster Drive, State College, PA 16801; Phone 814-238-5888.

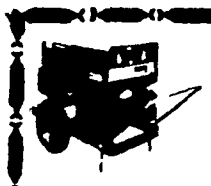
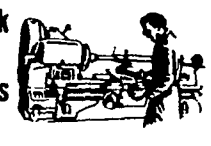
Bake a cake for Easter

(Continued from Page B8)

BUTTERCREAM ICING

1/2 cup solid vegetable shortening
1/2 cup butter or margarin
1-1/2 tsps. vanilla
5 cups confectioners' sugar(there are 4 cups in a pound)
3 Tablespoons milk

Cream butter and shortening with electric mixer. Add vanilla. Gradually add sugar, one cup at a time, beating well on medium speed. Scrape sides and bottom of bowl often. When all the sugar has been mixed in, icing will appear dry. Add milk and beat at medium speed two to three minutes. Keep icing covered with a damp cloth until ready to decorate. For best results, keep icing bowl in refrigerator when not using.

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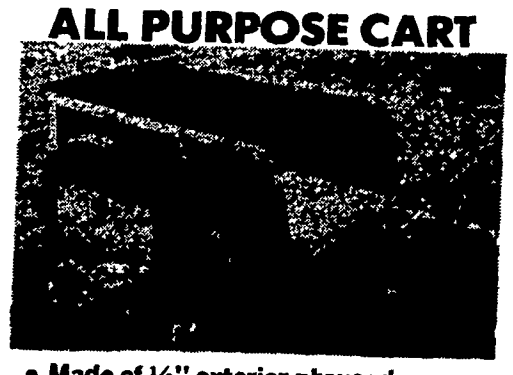

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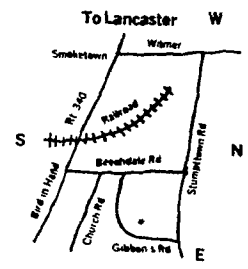

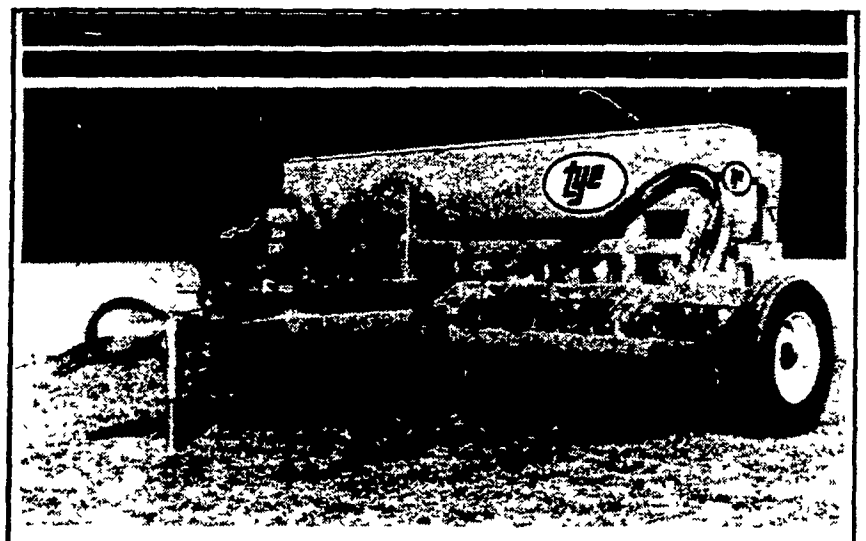

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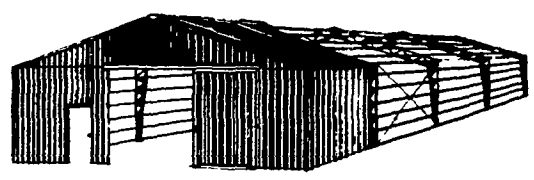

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USDA team to help China start 4-H program

WASHINGTON, D.C. — Four Americans left for the People's Republic of China, April 8, to help the Chinese set up a 4-H youth program similar to the one in this country.

Eugene Williams, deputy administrator for 4-H youth programs at the U.S. Department of Agriculture's Extension Service, said the team will work with Chinese government and university officials, community leaders and coordinators of Chinese youth programs.

Joel R. Soobitsky, 4-H youth program leader, will lead the team He is responsible for the Extension Service's international youth programs.

Other members are.

—Ray Crabbs, a vice president of the National 4-H Council, headquartered in Washington He was chosen for his experience in preparing proposals and developing resources and his knowledge of the relationship between the United States private sector and units of government.

—Dave Pace, a state 4-H specialist with the University of Minnesota, selected to represent the land grant colleges and universities and the nationwide Extension Service system. He has established other international exchange programs for young people in developing countries.

—Steve Boruchowitz, a specialist in Chinese International affairs in USDA' Office of International Cooperation and Development, sponsor of the 4-H exchange program. He has established contacts with many officials in China and will be involved during and after the exchange visit in mapping long-range plans.

This will be the first USDA exchange team on rural youth progams the first such exchange to examine the organizational management level for agricultural programs in China, Williams said.

Williams explained the primary purpose of the American 4-H exchange visit is to consider adapting and designing a 4-H type program for the youth of China, with the goal of improving that country's agricultural development through its youngsters.

Among other objectives are to help develop recommendations for the organization and management of a youth program to fit Chinese needs; to design long-range plans for future exchanges involving planners and youth; and to develop a proposal for resources needed to make long-range plans work.

"The team takes with it the many 4-H international experiences that already have resulted in country-to-country understanding and development," said Williams.

Today, more than 5 million youths are involved in 4-H activities in nearly 90 nations. This figure could multiply many times, said Williams, if this 4-H visit to China is a productive as expected.

Williams said the Chinese chose the 4-H working visit to discuss first from 42 proposals offered to a Chinese working team.

"We expect this beginning to have far-reaching implications for millions of young people, both in our own country and in the People's Republic of China" Williams said.

Lehigh 4-H hears VMD speak

GERMANSVILLE — The Lehigh County 4-H Club met recently to hear Edgar Balliet VMD present a talk on sheep and lamb practices.

A question/answer period followed the talk, allowing 4-H'ers to find answers to their individual problems.

The next meeting will be on April 13 at the Greg Snyder Sheep Barn in New Tripoli. The program will be selecting the correct market lamb.

Food & Fun

Did you know that whey is the liquid left over when milk has formed curds and is made into cheese?

And, did you know a peanut isn't a nut? It's a member of the legume family

Crafty Ideas

FOR EASY EASTER BUNNY because ANYTHING GOES WITH STYROFOAM

Make this adorable bunny this Easter with styrofoam, plastic foam. This furry creature is simple to make.

To make the bunny's face, glue a 1" ball of Styrofoam 2" down from the top and a 6"x 4" egg, for the nose. (Use 1" chenille stem to hold in place.) For cheeks, glue 1" balls on each side, slightly below the nose. Use a file or palette knife to tuck a 3" square of nylon hose around the nose and cheeks.

Tuck fabric by holding firmly with thumb and use a palette knife to tuck it into Styrofoam 1/4" or more around each shape.

Tuck the edges completely into Styrofoam. Glue plastic eyes on each side of the nose.

Body: To the 6"x 4" egg, glue one half of a 1/2"x 2" egg of Styrofoam on either side for the "arms." (Cut egg with a plastic serrated knife.) For the hands, cut a 1" ball in half and glue at end of arms. Tuck a 3 1/2" circle of white fur around each arm and a piece of hose around each hand. Tuck 5"x 1" white fur across top of the face from cheek to cheek.

To make the ears, fold a 6" white bump chenille in the middle, shape and push into the top of the head. Glue to hold. Repeat for other ear. Then tuck 4"x 5" white fur from back of ears down the back of the bunny. If material wrinkles, cut small darts to fit the shape of the egg. Tuck pieces of fur in front and sides to cover the rest of the egg. Glue a white pom-pom on back for tail. To make the bunny's carrot, fold a green bump chenille in half and point open end upward. Lay an orange bump chenille downward and pin to the hand. Make the "feet" by cutting a 1 1/2"x 2" egg in half and cover with white felt.

Attach both to the body with T pins. Finally, cut 2 small teeth from white felt and attach under the nose.

Davidsburg 4-H meets

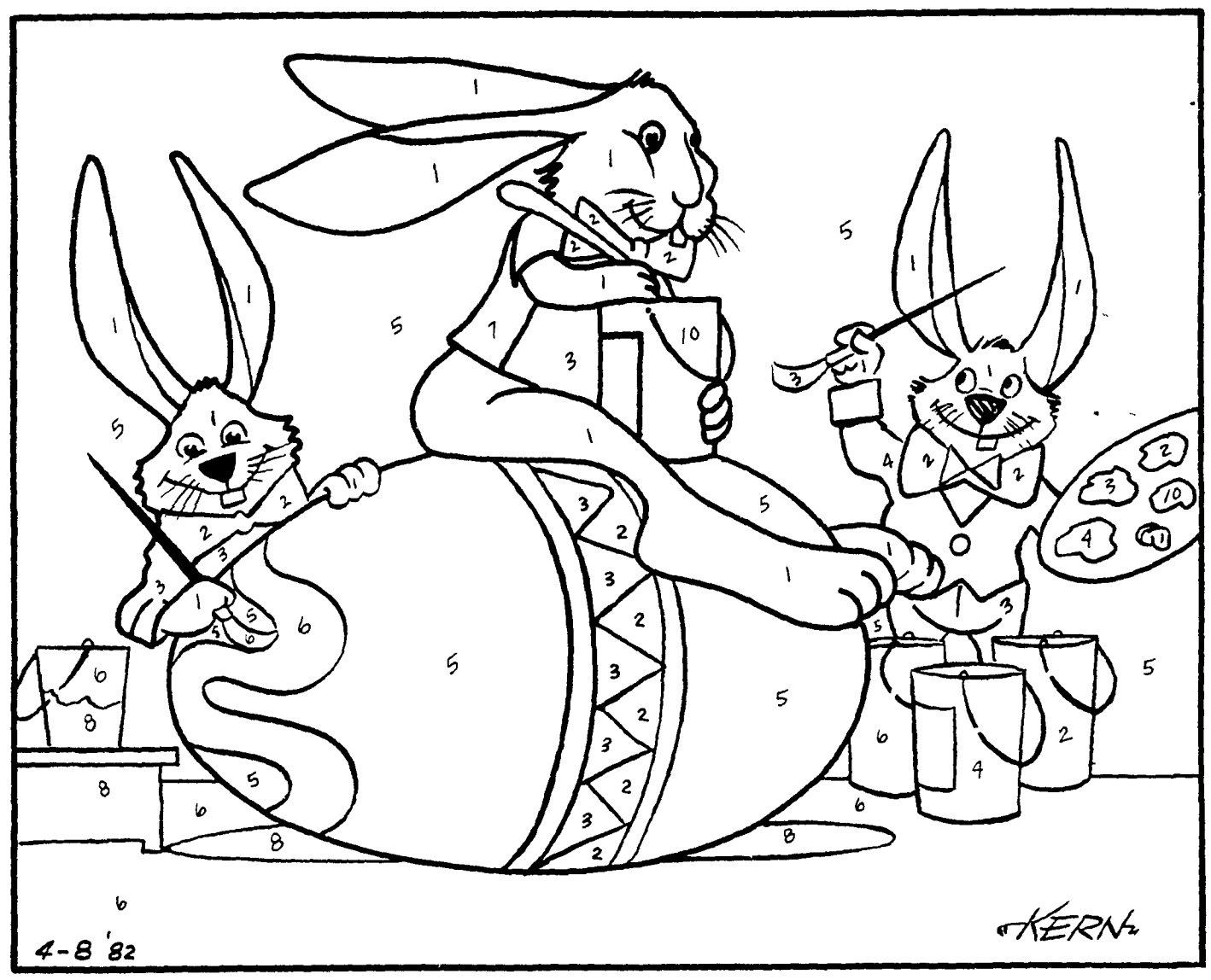
THOMASVILLE — The Davidsburg 4-H Club met March 18 at the 4-H Center to view a film on the Amish.

Future events reported include: County Council, April 7; Dance Marathon, April 25; Hospital Fete, April 14 and 15; and the next meeting, April 15.

COLOR THIS!

1.	LT. GREY	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT BROWN
4.	BLUE	9.	LT. BLUE
5.	PEACH	10.	LT. GREEN

EASTER: MANY CHILDREN BELIEVE THAT THE EASTER BUNNY BRINGS THEM THE BRIGHTLY COLORED EASTER EGGS. ONE LEDGEND TELLS OF A POOR WOMAN IN GERMANY, WHO DYED SOME EGGS DURING THE FAMINE AND HID THEM IN A NEST AS AN EASTER GIFT FOR HER CHILDREN. WHEN THE NEST WAS DISCOVERED A BIG RABBIT JUMPED OUT.



Delaware to hold lamb sale

NEWARK, Del. — The 1982 Delaware 4-H/FFA Lamb Sale will be held Thursday, April 29, at 7 p.m. in the machinery shed of the University of Delaware farm in Newark. The shed is located across from the dairy barn.

Lambs will be sold to the highest bidder on a price-per-pound basis. A minimum price will be established before bidding starts. Lambs not sold must be taken away by owners.

All lambs submitted for sale must be vaccinated twice for enterotoxemia (overeating disease). It is desirable that they be dewormed once. Those consigned by out-of-state producers must be accompanied by a health certificate signed by a veterinarian. This should state that the flock has been inspected within the last 10 days and is free of foot rot, sore mouth and respiratory disease.

Lambs should weight approximately 50-60 pounds. They will be used as projects ending in the roundup at the Delaware State Fair during the last week of July. Good meat-type, growthy lambs suitable for shows are desirable. Competition is keen so there is little demand for animals which lack these qualities.

Lambs must be delivered between 4:30 and 5:30 p.m. so they can be weighed, numbered and penned by 6 p.m., at which time they will be available for inspection. Sale expenses will be deducted from the consignor's payment.

Individuals who plan to participate in the April 29 sale, either as consignors or buyers, are encouraged to indicate their intention to do so by April 15. To do this, contact University of Delaware extension livestock specialist Richard Fowler at (302) 738-2523.

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Backyard poultry 4-H farming

LEBANON — Youth will learn-by-doing the basics of poultry raising in the Backyard Poultry 4-H Club, forming this month in North Annville Township.

The group, open to any youth 8-18 is designed for beginners or more involved poultry raisers. Four-H volunteer, Dick Tice, will supply peeps to beginners. Tice emphasizes that only 12 square feet of backyard space is needed to learn the basics of backyard poultry.

Members will learn-by-doing — by building their own coops, and caring for their poultry. Monthly meetings will include field trips, problem sharing and solving, community service and recreation.

Backyard poultry can also provide an opportunity to earn money buy selling eggs or meat.

To join call the 4-H organization leader, at 867-1985 after 4 p.m. Size of the club is limited; calls are recommended before April 15.

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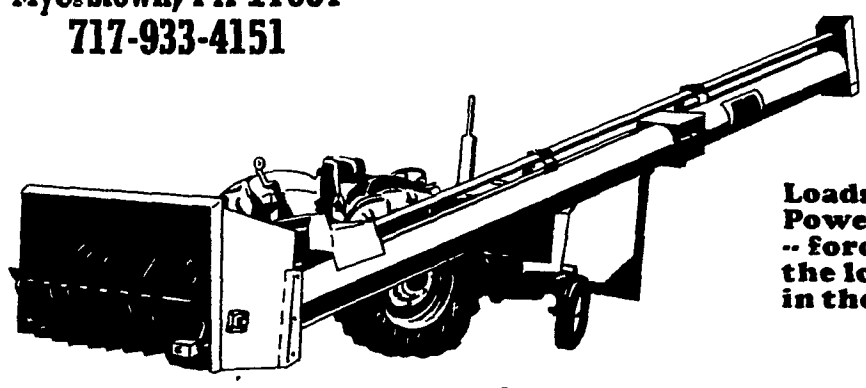

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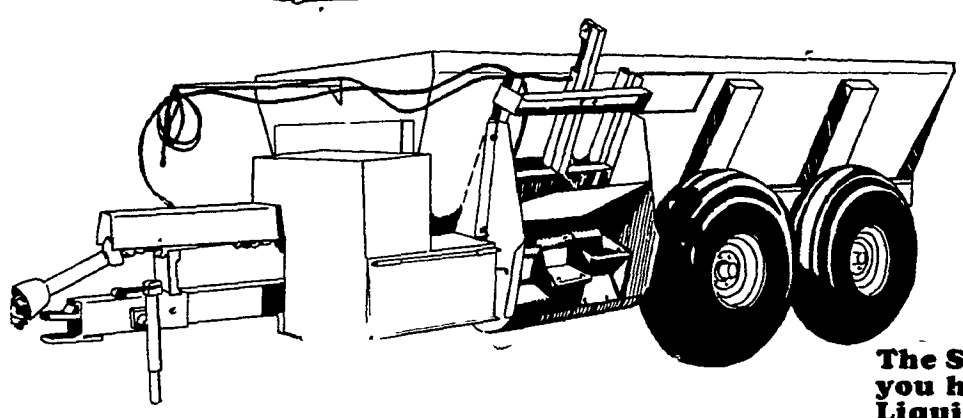

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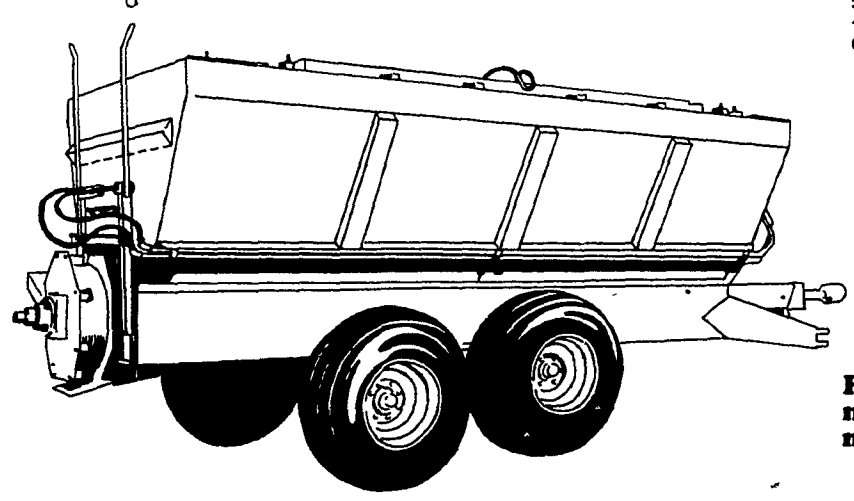

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WE BUILD FOR THE DAIRY INDUSTRY

Tiny travelers survive 800-mile journey

Northeastern beekeepers collect sweet cargo

BY DONNA TOMMELLEO

OBELISK — Amid high winds and unseasonable weather, 1,500 pounds of honey bees cruised into Perkiomen Valley Apiaries, Inc, on Saturday, less than a day after departing from a balmy 85 degree Georgia climate.

No, it wasn't an annual migration of Southern insects returning to their summer home. Instead it was a pre-planned bee drop that supplied several Northeastern beekeepers with 500 colonies

Delphi beekeeper Bill Nostadt and PVA owner Robert Brooks packed 500 colonies of bees, each containing one queen and three pounds of workers, into an open-topped truck and accompanied the buzzing cargo from Georgia springtime to Pennsylvania's persistent winter.

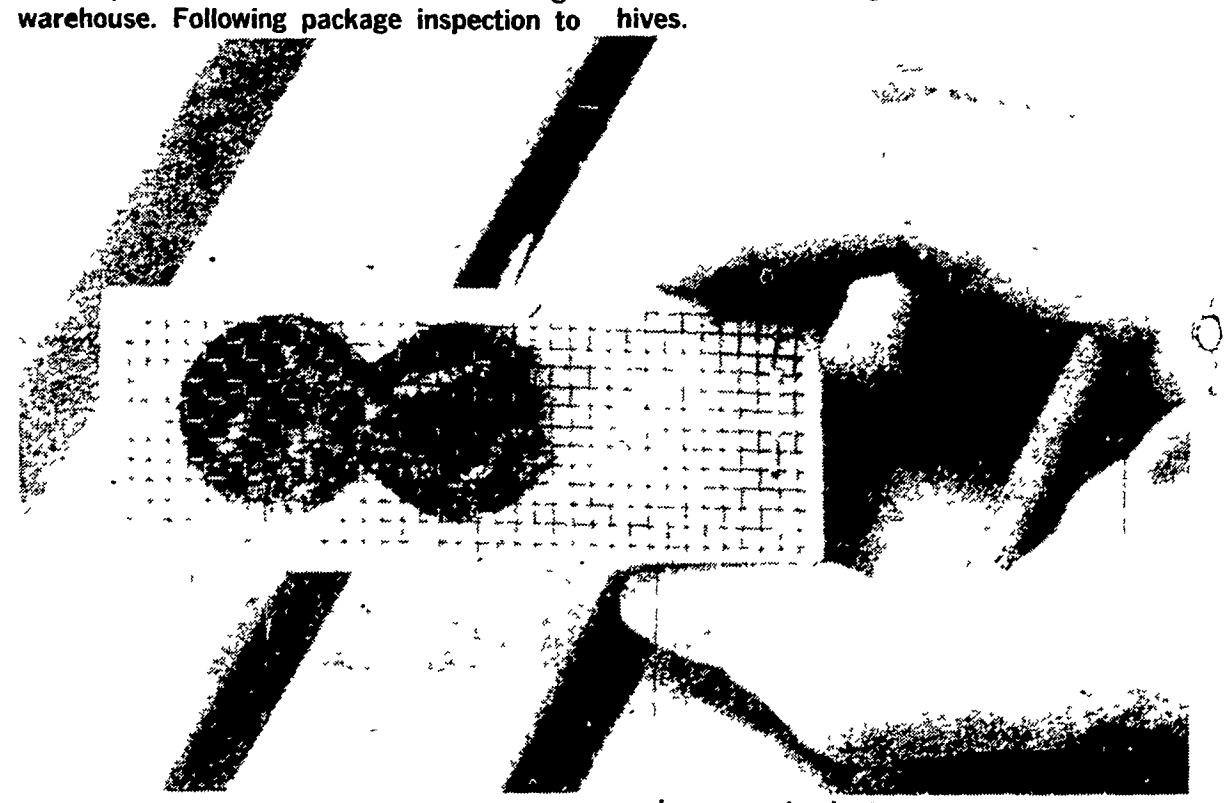
Brooks and Nostadt lined the $12,900 cargo with cardboard and sealed the top with plywood. The pair stopped several times during the 19-hour journey to check the temperature of the load, said Nostadt. Brooks estimated the grueling trip may have claimed no more than four or five packages, despite whipping winds and chilling temperatures in the Northeast.

A previous trip, by Brooks, caused more than 30 percent or

(Turn to Page B13)

Robert Brooks locates the queen as he explains how to re-queen a hive. Earlier in the day, Brooks, a physiologist who specializes in bee venom for arthritis control, just completed an 800-mile trip with $12,900 worth of honey bees.

The 500 packages of honey bees begin to warm up a bit once unloaded into PVA's large warehouse. Following package inspection to determine damage and loss, new bee owners will cart their buzzing brood home to awaiting hives.



The queen bee arrived segregated from the colony via this tiny wire enclosure. However, she wasn't entirely alone as a half dozen workers remained with her to feed the royal head of the hive with sugar candy contained in the far right compartment.

Brooks, without hat, gloves and veil, introduces a colony of bees to their new hive. His method? Shake them in!

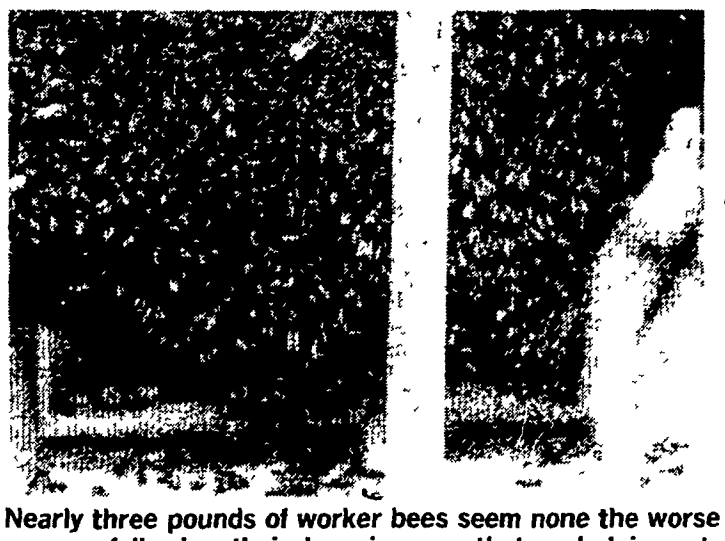
Astrid Brooks, center, explains the process of acquainting the queen with her new colony of workers. Brooks and husband Robert own and operate Perkiomen Valley Aparies, Inc., which maintains about 500 hives a year.

Northeastern beekeepers

(Continued from Page B12)

approximately $4,000 damage in bee loss during inclement weather.

But Saturday's tiny travelers from Georgia were welcomed warmly by beekeepers from Mongtgomery, Berks, Bucks, Chester and Philadelphia Counties. In addition, out-of-state bee enthusiasts from New York and New Jersey arrived to claim their orders.



Nearly three pounds of worker bees seem none the worse for wear, following their long journey that ended in wet, blustery southeast Pennsylvania.

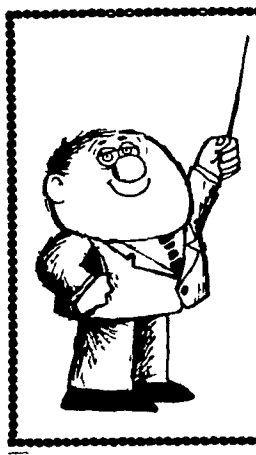
Once the truck arrived and the plywood was removed, a human "bee-brigade," unloaded 1,500 pounds of the honey-makers. Within 30 minutes, the PVA's warehouse had thousands of new inhabitants, slowly aroused by the warmth of the building.

Brooks and wife Astrid, co-owners and beekeepers of the apiary instructed the new beeowners on hiving the colony and introducing them to the queen. Although the queen and her workers traveled together in a plywood and net package, she remained separated in a wood enclosure. The queen and workers had been together only 24 hours and Astrid Brooks explained it may take as long as two or three days for the workers to acclimate to the new queen.

The PVA, located about 10 miles east of Pottstown operates 500 hives a year and merchandises honey under their own label to more than 50 health food stores in the region. They specialize in unfiltered honey, the raw product heated just enough to permit flow.

The Brooks said they expected to complete expansion of the facility, by July 1982, which would permit the entire processing, bottling and storage facilities to be housed under one roof.

Astrid Brooks, left, lends a hand as she helps husband Robert, right, unload a truck laden with 1,500 pounds of honey bees.



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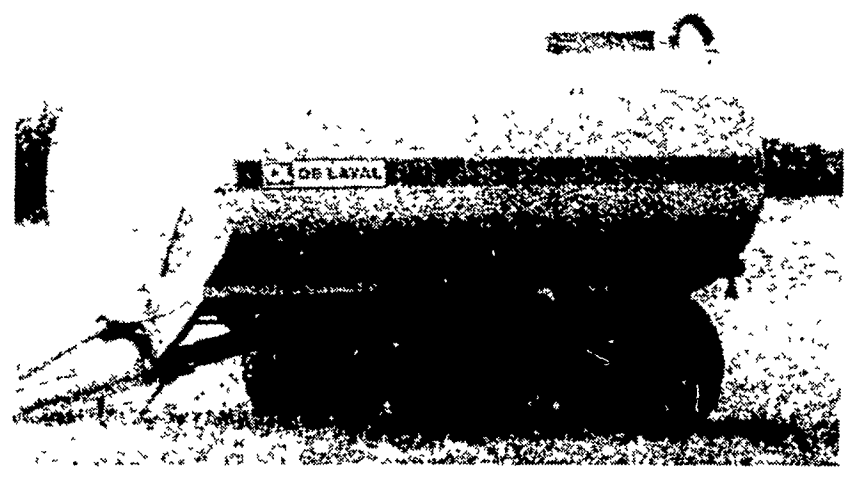

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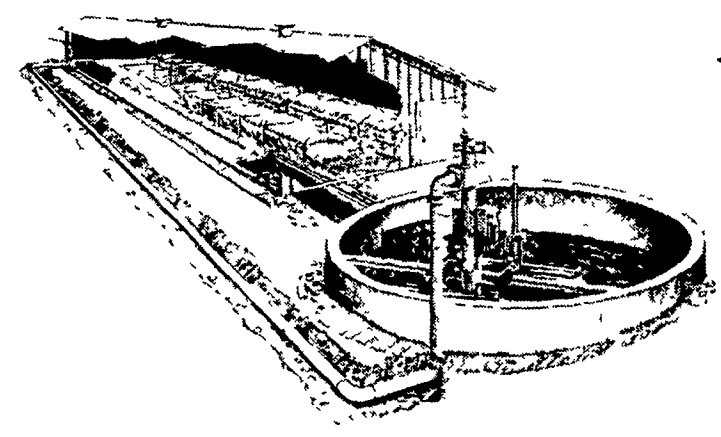

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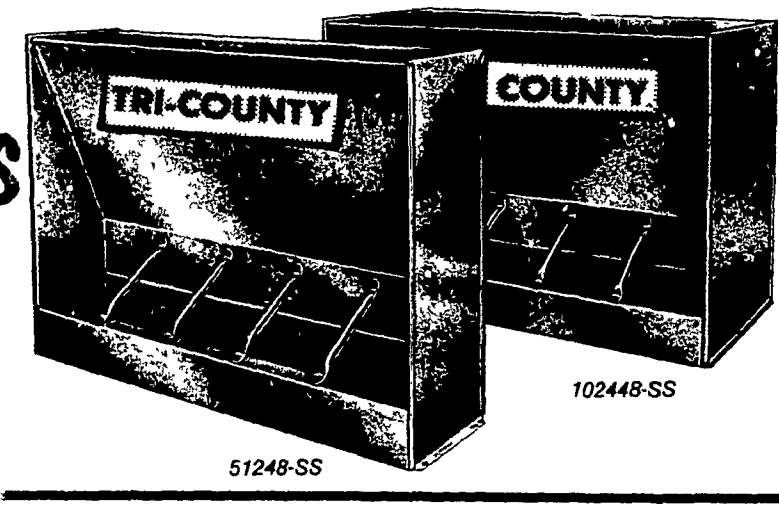

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"Country Legacy" features farming through a paintbrush

BERWICK — "Country Legacy," the theme for the fourth annual spring art exhibit of recent paintings by Carol Slusser Fraind, is scheduled to open Sunday, April 18 in the Kehr Union Building at Bloomsburg State College.

Fraind's rural backgrou: and rural experiences are developed in this collection of more than thirty paintings.

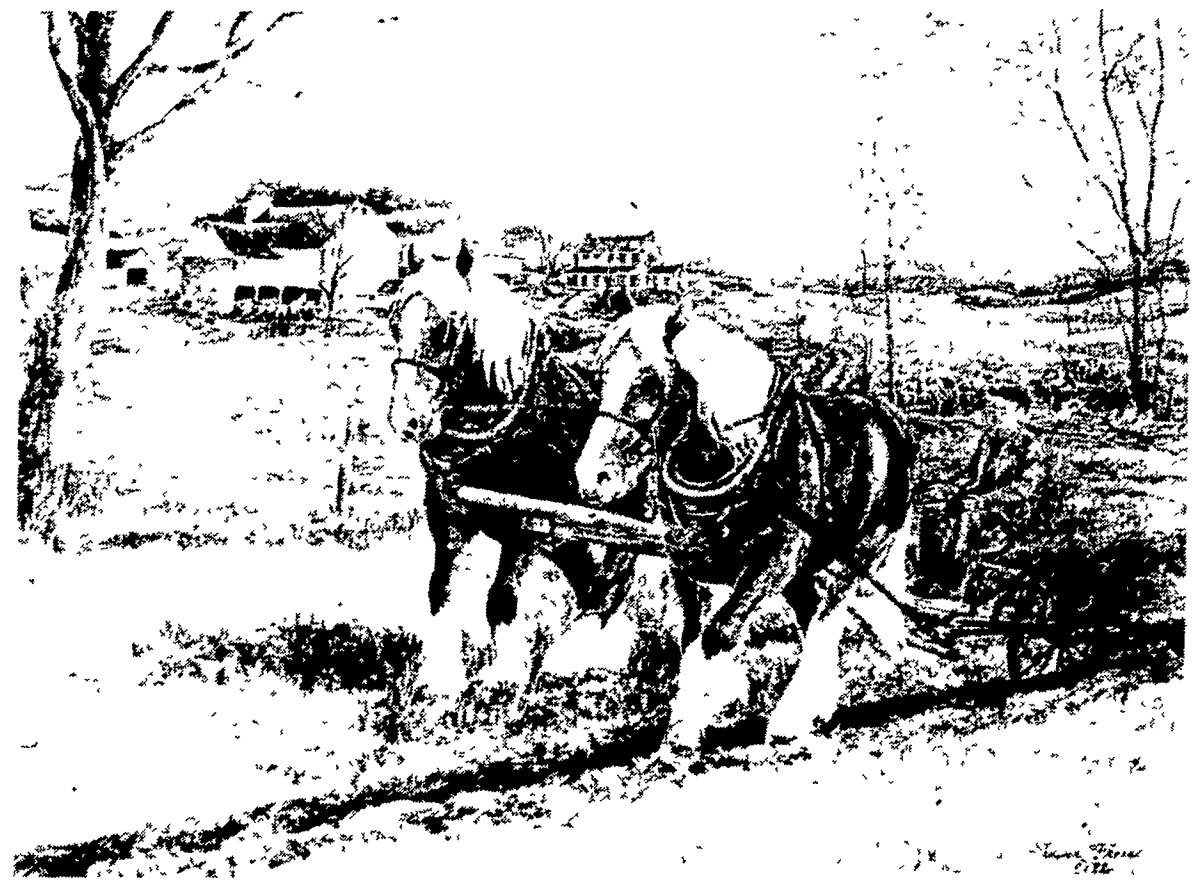
In tribute to America's agricultural heritage, the paintings will eventually be compiled in a book entitled God Loves Farmers.

Of the farm life, Fraind said, "I enjoy the uniqueness of each farm and the admirable qualities displayed by those involved in agriculture. In current times when taxes climb and utility rates double, it's refreshing to meet people who still believe in cooperation, dedication, hard work, and independence."

The concept for "First Furrow," — the picture shown — was several years in the making, according to Fraind. "I try to make my work as authentic and realistic as possible. Fortunately many people helped me to achieve this goal.

"Recently I read that American farmers are the glue that holds this country together. Hopefully, my paintings will encourage society to protect and preserve our valuable farming heritage."

The public is invited to attend the artist's reception on April 18 from 2 to 5 p.m. The showing will continue in the president's lounge of the Kehr Union Bldg. at Bloomsburg State College until May 21.



"First Furrows," a watercolor painting by Carol Slusser Fraind, depicts the farming life, known to this artist as the better life. Fraind says she tries to make her paintings as authentic and realistic as possible. Nearly 30 of her paintings will be on display at Bloomsburg State College from April 18 through May 21.

Block transfers FCIC supervision

WASHINGTON, D.C. — Secretary of Agriculture John R. Block has announced he is transferring oversight and supervision of the U.S. Department of Agriculture's Federal Crop Insurance Corporation from one under secretary of agriculture to another.

The agency, previously supervised by Seeley Lodwick, under secretary for international affairs and commodity programs, will be transferred to Frank Naylor, under secretary for small community and rural development.

"This move will provide improved balance by grouping together those agencies which offer essentially financial programs," Block said. "They include Farmers Home Administration, Rural Electrification Administration and now the all-risk crop insurance program."

Block said the transfer will also allow agencies reporting to Lodwick to concentrate on production programs to meet growing demand and on developing new markets for farm commodities.

The Federal Crop Insurance Corporation was created by Congress in 1938 to insure crops against unavoidable losses and to develop the most practical plan, terms and conditions of insurance for agricultural commodities. Currently the agency is working toward a goal of reinsurance which will offer farmers an all-crop, all-risk insurance through the cooperative efforts with private insurance corporations, Block said.

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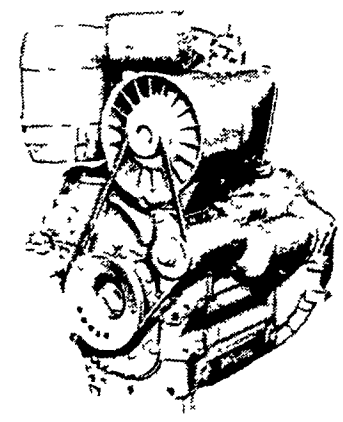

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Farm Women Societies

Lancaster Co. Society 10

Lancaster Farm Women 10 entertained Society 2 at the Refton Fire Hall recently.

Entertainment for the evening was the Steve Nolt family who presented several vocal and instrumental selections.

During the evening's business meeting, the following were announced:

— A bus trip is scheduled for Three Little Bakers to see The King and I on August 20. Anyone wishing to take the trip should contact Mrs. Robert Cox at 393-1818.

— The Ag Arena Project at Penn State will be included on the Society's list of projects for this year.

— Society 18 will entertain Society 10 at the Farm and Home Center on May 8.

— Society 10 will assist in entertaining residents of Conestoga View on April 15 at 1:30 p.m.

The next meeting will be at the home of Nancy Starr.

Berks Co. Society 11

Berks Farm Women 11 met at the home of Doris Brown on March 29 for an auction of items brought in by the members.

Future events reported included the Berks Heim picnic, June 6 and Berks Heim Bingo, April 22.

The next meeting will take place at the home of Dixie Myer on April 26.

York Co. Society 12

York Society 12 met at the Spring House in Muddy Creek Forks, recently.

Seventeen members and four guests toured the 1798 stone house seeing its many antiques and wood burning stoves.

Members voted to donate $25 to the Cerebral Palsy and $10 to the American Cancer Society.

The next meeting is scheduled for April 27 and will be a 30th anniversary party at the Willow Valley Restaurant in Lancaster.

F.W.S. Calendar

Saturday, April 10

Lancaster Society 7 meets to hear an exchange student from Australia

Lancaster Society 2 meets for an "Indian Cultures" talk by Hazel Ulrich

Lancaster Society 25 meets to hear a foreign exchange student talk and to entertain Society 17 at the Farm and Home Center

Monday, April 12

Lancaster Society 32 meets for a safety program at 7:15 p.m.

Tuesday, April 13

Lancaster Society 22 meets for a trip to Inner Harbor in Baltimore

Wednesday, April 14

Lancaster Society 14 meets with Gladys Esbenshade for a program by Warren Leatherman

Thursday, April 15

Lancaster Society 21 meets to entertain Society 13

Lancaster Society 15 meets to hear about a trip to Mission of Kenya by the Rev. Jack McLanahan

Saturday, April 17

Lancaster Society 12 meets for a silent auction

Lancaster Society 17 meets to hear musical selections by Mr. and Mrs. Robert Kettering

Lancaster Society 18 meets for a tour of Rock Ford

Lancaster Society 3 meets to entertain Society 28 at the Salem Lutheran Church at 12:30 p.m.

Don't forget conservation

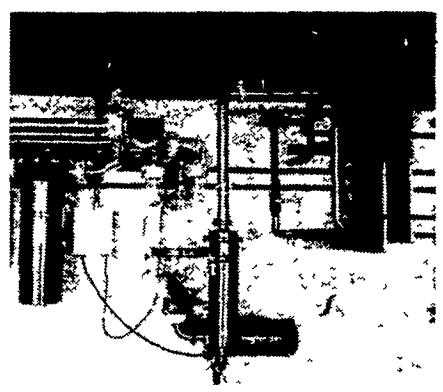
CHAMBERSBURG — Now is the time of year to start your plowing. When plowing, do not forget to be conservation minded. One of the best ways to conserve soil is strip-cropping, says David Hoffman, soil conservation technician.

Strips alternate corn or a cultivated crop with a close-growing crop such as hay. They are generally 100 to 120 feet wide and slow down water running over a plowed surface to minimize erosion.

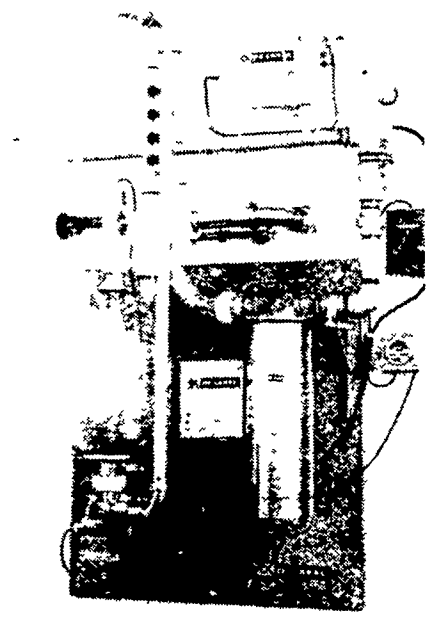
Any landowners interested in having assistance on establishing strips on their farm should contact their local Soil Conservation Service office.

DE LAVAL Has A Better Way

PARLOR SYSTEMS



PIPELINE SYSTEMS



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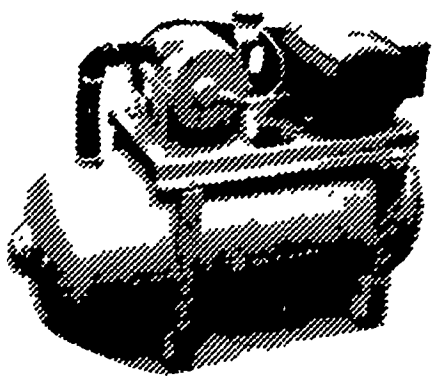

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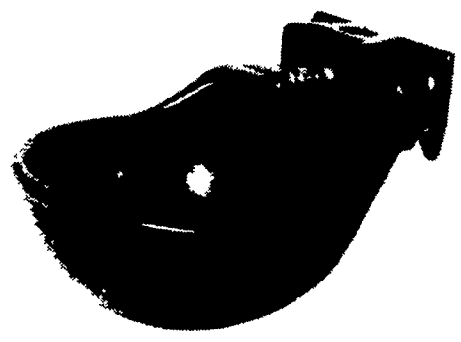

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A peep into decorating your home

American Country graces rural and urban homes

BY DEBBIE KOONTZ

LANCASTER — American Country is the hottest look in decorating these days and you don't have to spend a fortune to get it.

In fact, if you're living in a "typical" old farm house, you have the greatest potential toward achieving this look due to the house's often exposed wooden beams, old fire places, extra-wide window seals, and capacity use of wallpaper.

American Country looks expensive, but doesn't have to be. Not only is it the look on the local scene — a look you probably have taken for granted and have been trying to change for years once you get "enough money" — but it's all the rage in large metropolitan areas. Flip through any decorating magazine. People are paying exorbitant prices for the look you now have or can have so easily in most rural areas. 'Extras,' such as old rockers, chests, wooden anything — from old barn forks to sleighs creating an American Country atmosphere — wrought iron tools, and old jugs can be found at numerous garage sales and auctions.

What's the reason for such an upswing in the country look?

According to Al Soles, merchandise manager from Ethan Allen Galleries in Lancaster, the reason is the economy and necessity.

"This look reflects the change going on in lifestyles in America now. People out of necessity are coming back to the home and want it to look good. The '80s look very good for the furniture industry because baby boom children are now buying and realizing home is where they want and have to spend their time. So they put their money into the home," he said.

"The country look happens to be one of the most comfortable looks available. If you look at the economy you will see a trend that happens in our industry. When the economy is bad, people go back to early American looks."

But he denies that the look will be just a passing trend, so if you're thinking of investing in a few 'country' things, your purchase will be sound.

"It won't disappear because people live very easily with it. Traditional furnishings really don't change much," he explained.

So how can you achieve this comfortable and lasting look?

Armstrong Industries, a world leader in decorating, suggests shopping second hand stores and be willing to do a lot of the work yourself.

Color often sets the mood of your room and today's country-look favorites are wheat and blue, and the earth tones: rust, beige, brown, cream and gold.

Accessories often include old chests that are functional twofold: they can be used as a side table to place things on, or as a trunk to hide or hold magazines, blankets, dishes, etc.

Old tea kettles, hurricane lamps, wood stoves, jugs, shaker rocking chairs, trestle tables, and reupholstered high-backed wing chairs also will help you get the look you want.

Another benefit of the country look is the minimum use of carpeting. Covering your floors wall to wall with carpet can be very expensive, so instead try a heavy no-wax linoleum floor with a few accent rugs or carpet remnants; both can be washed easily.

Looking at the picture, you will see how this look can be so easily accomplished. Notice the extras which accent the room such as the glass-topped sleigh, the cream-colored quilt, the basket of yarn, the old hay fork, and the brass tea kettle.

The room appears to be a pleasing facsimile of authentic Americana: comfortable, functional, and warm. Why not see what you can do with your home to radiate this same warmth?

The American Country look, whether purposely achieved or still in its original form, is gracing the homes of many rural and urban neighbors. Several of the items pictured above can often be found right on the farm. Look for accent pieces such as jugs, sleighs, forks, and old kettles.

Wye Angus sale grosses $100 grand

COLLEGE PARK, Md. — Bidders from 13 states brought an auction total of more than $100,000 last week to the Wye Angus-University of Maryland Foundation's fourth annual sale of yearling bull breeding stock.

The high bid at the sale was $16,500 for the near half-ton bull Leonid of Wye, and the average price per animal was just over $3,100 according to W. Lamar Harris, director of the University's Agricultural Experiment Station whose Wye Research Center was the site for the March 29 sale.

"We're very pleased with the interest cattle breeders are showing in the Wye herd," Harris said.

"Although we're in the midst of a recessionary economy, a successful sale such as this affirms our belief that cattle breeders have confidence in our mission of quality animal research here at the Wye Research Center," he added.

From 1938 — the year of the Wye Angus herd's establishment — to 1981 — the last full year for which herd statistics are available — nearly 6,000 calves valued for their superior fertility, weight gain and genetic purity have come out of a herd that started with only 18 heifers, according to Harris.

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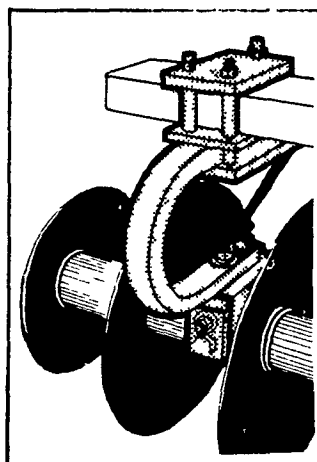

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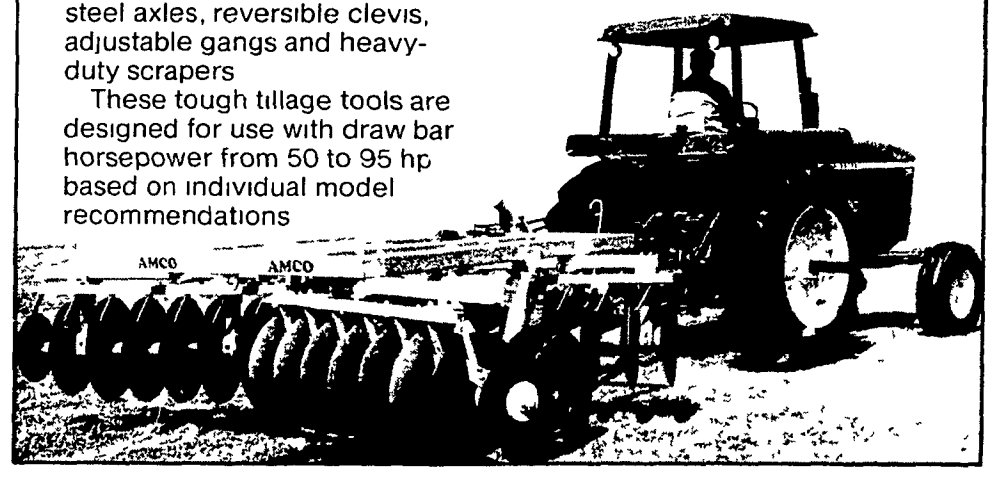

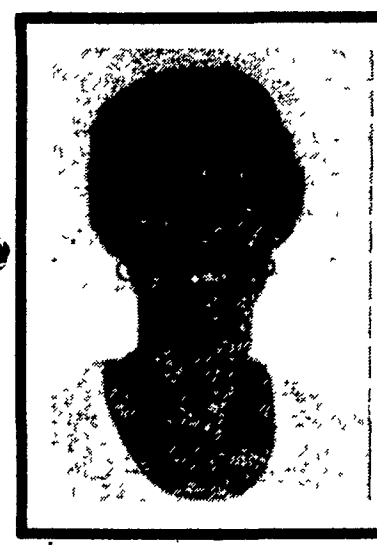

On being a farm wife -And other hazards

Joyce Bupp

Months of devastatingly bitter, chilling-cold winter.

Depression, economic instability, budget deficits.

Shadows of escalating nuclear armament ever darkening the horizons.

Lowest farm income since the Great Depression and highest unemployment since the Great War.

And yet, struggling through the murkiness of modern times still shines this ever-present ray of hope.

Hope for those who steadfastly cling to the ancient promises of Spring - of rebirth - of renewal - of Easter.

For behind the bleakness of wind-swept hillsides of white, of ice-crusted branches and muted landscapes, explodes the throbbing, vibrant brilliance of grass so green it makes the heart sing just to see it.

From beneath layers of brown rotting leaves and tired crackly weed stems push the slender tips of daffodil foliage, soon followed by a burst of sunshiney yellow-like golden coins cast across the wayside.

And in a protected nook, one early hyacinth takes a brave peek at April's uncertainties, the clear blue defying the fury of unseasonal snows.

Thus each year, the promise is renewed. The birth of soft baby bunnies, the unfolding of delicate blossoms and the stretching forth of leaves and grass again reminds us of the victory of the resurrection, of new life over the silent entombment of death.

So let us remember. And let us celebrate. Let us renew our faith, our hope for the future in the promise that comes with this blessed season.

May Easter bring its joy, its hope, its promise, to you and yours.

Have a blessed Easter!

No corn payments necessary

Sorghum farmers to receive '81 deficiency payments

LEESPORT — Sorghum producers will receive an estimated $200 million in deficiency payments on their 1981 crop, reports Donald Lutz, chairman of the Berks County ASC Committee.

There will be no 1981 crop deficiency payments made to corn producers as the five-month weighted average market price was $2.43, three cents above the target level of $2.40 per bushel, Lutz says.

Sorghum deficiency payments are required under the 1981 feed grain program because the average market price received sorghum farmers during the first five months of the marketing year — which for sorghum is October through February — was below the established target price level of $2.55 per bushel.

Under the 1981 program eligible sorghum producers receive the difference between the $2.55 target level and the higher of either the national average $2.28 loan rate or the five-month national weighted average market price of $2.22. Thus, eligible sorghum producers will be paid 27 cents per bushel for their 1981 crop, the difference between the loan and target levels, the maximum possible payment rate.

Deficiency payments will be made to sorghum farmers who reported their 1981 crop acreage and filed an application for payment with their local office of USDA's Agricultural Stabilization and Conservation Service. These offices also will issue payment checks as soon as possible after April 10, Lutz reports.

The final 1981 national program acreage for corn was revised from the preliminary estimate of 90.1 million acres to 80.5 million. The sorghum preliminary national program acreage was revised from 15.4 million acres to 14.3 million.

The national program acreage represents the number of acres of a crop needed to meet estimated demand and assure desirable carryover levels, Mr. Lutz said.

Factors associated with the deadline in the national program acreages were a sharp decrease in projected corn exports and a 20 percent reduction in projected sorghum feed use, Lutz said.

The allocation factor for corn is 97 percent and for sorghum 99 percent. The allocation factor is computed by dividing the national program acreage for a crop by the harvested acreage.

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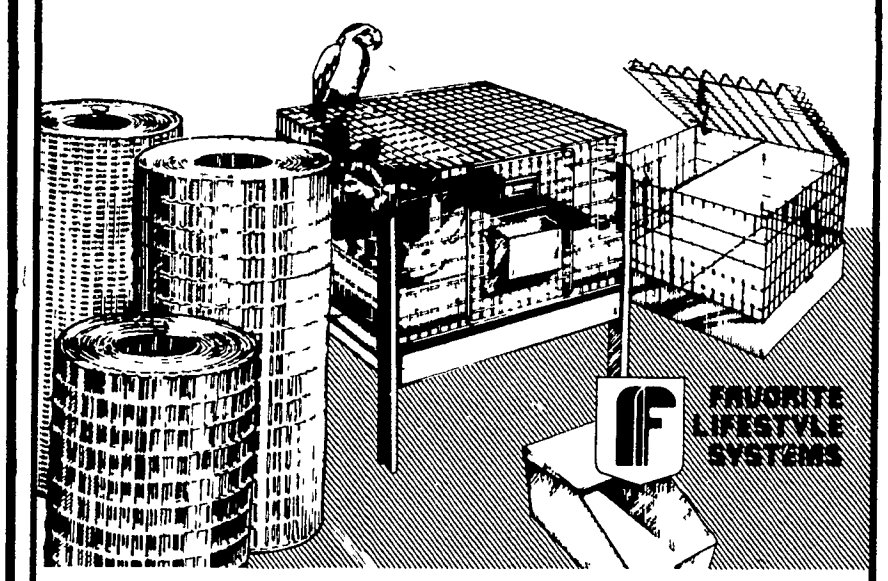

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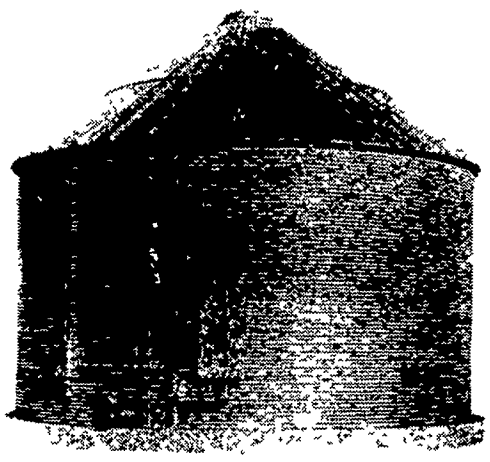

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

CARING FOR CLOTHES

You don't need to see the latest Consumer Price Index to know the cost of new clothes is going up. Even buying a pair of jeans today can strain the budget!

And, because new clothes are getting more expensive all the time, it's more important than ever to get the most wear possible from old favorites. Here are some tips on caring for clothing that can save you money.

When staining occurs, it's important to treat the problem as quickly as you can – immediately, if possible. It's helpful, too, if you know what caused the stain.

As a general rule of thumb, all protein based stains should be washed in cold water. Those include blood, urine, egg, milk, mayonnaise, gravy, meat juices, baby formula, cream and ice cream. Chocolate, fruit, wine and soft drinks also need cool water.

Don't be misled into thinking there is no stain if nothing shows once the material has dried prior to any stain treatment. Some soft drinks and fruit stains, including citrus, become invisible when dry but turn yellow with aging or heating.

Ballpoint ink is another common, and tricky problem. Washing removes some types of ink and sets others. Cooking oils and grease splattered on polyester and then laundred can label a new blouse "old" in just one wearing.

What do you do to prevent setting stains or removing those telltale marks on clothes that show up with age and heat? A good first step is to check each garment for stains as you sort clothes for laundering. An immediate treatment with one of the prewash products designed for stain removal can save the frustration and expense that comes with a set stain.

To use, simply saturate the affected area thoroughly prior to laundering. Or, in the case of fine washable woolens, use the prewash as a localized stain remover and, then, wash out the spot by hand. Since garments wear out more quickly when they are over-laundred, this method will both decrease wear-and-tear and lower dry cleaning bills. And with today's emphasis on natural fabrics, those are important considerations.

Perspiration stains are another familiar factor in making good clothes look old fast. If perspiration has changed the color of the fabric, you can try to restore it, after washing, as follows: for fresh stains, apply ammonia; for old stains, apply vinegar. Rinse with water.

A few other points to remember. Black coffee stains are treated with hot water; if you like cream with your morning eye-opener, use a cold wash.

Finally, don't daydream about how good you'll look in your old wardrobe while you're touching up those "re-newed" stain-free garments on the ironing board. Severe scorch does not come out.

USDA approves Prolate tick dip

WASHINGTON D.C. — Effective April 14, the U.S. Department of Agriculture will permit organophosphate insecticides sold under the trade name "Prolate" to be used in dips to eliminate ticks from cattle.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said the action is needed so the insecticide can be used to treat cattle before interstate shipments. Prolate will be approved for use in accordance with label instructions approved by the Environmental Protection Agency and at concentrations of at least 0.15 percent.

This insecticide and all other USDA permitted dips are registered by the Environmental Protection Agency under the Federal Insecticide, Fungicide and Rodenticide Act; USDA veterinarians and field personnel also conducted trials to determine that the required concentrations could be maintained and that Prolate would be effective in eradicating ticks.

"We have a responsibility for ascertaining that permitted dips fulfill the job that USDA depends on them to do – to stop the spread of ticks," Atwell said.

Other dips permitted by USDA to treat livestock for ticks include Delnav, used at a concentration of 0.125 to 0.150 percent; Co-Ral 25 percent wettable powder used at a concentration of 0.125 to 0.250 percent; and toxaphene used at a concentration of 0.5 to 0.6 percent.

The action approving Prolate culminates an evaluation and review procedure, which included a 60-day period for public comments. Only one public comment, which supported the proposed listing, was received.

Oley Resource Conservation meeting coming

OLEY — A public meeting featuring a slide program on "Retaining Farmland — Everybody's Business" will be held Monday, April 19 at Friedens Lutheran Church, Route 73, Oley.

This meeting, which is scheduled to begin at 8 p.m., is being sponsored by the Oley Resource Conservation Project.

Also on the meeting agenda will be a discussion of Act 43, a Pennsylvania law passed last year which sets up the tool of agricultural districts for farmland preservation. There will be a report on the recent water study and the National Register nomination.

For more information contact Mrs. Frank Fisher, 215/689-5276.

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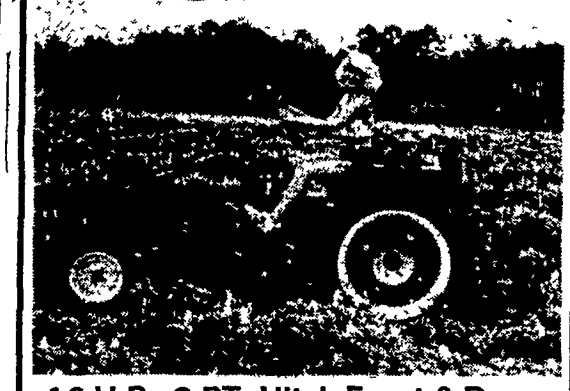

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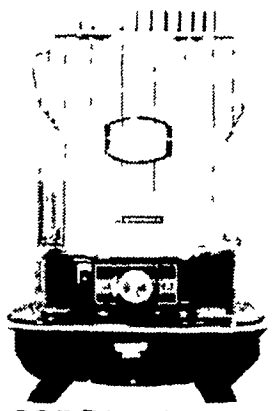

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Does rainwater from up-slope drain onto your garden? Is your garden on a steep slope where you want to plant?

If so — and especially since you haven't started your garden yet for this summer — you should think seriously of planting on the contour or perhaps building a terrace.

According to Burell Whitworth of USDA Soil Conservation Service, a contoured or terraced garden does reduce erosion. Because water is channeled across the slope instead of down the slope, soil absorbs more rainwater and is less susceptible to drought.

Whitworth said, "Contouring not only controls erosion but distributes water evenly. This pays off in better yields and higher quality vegetables and flowers."

Although most of you are farmers and are most adept at handling the soil, often times the garden can get overlooked, as one tends to forget to put into practice in the garden the same practices you use in your fields.

But if you're not an old hand at gardening on the contour, you can find the contour line by mounting a carpenter's level to a 2x4. To determine a level line, begin about the center of the slope. Lay the 2x4 along the slope and move one end up or down until the bubble on the level is centered. Mark the spot with a stake and repeat this process across the slope to establish the contour line.

As you cultivate the garden, leave small channels between the rows to collect and hold the moisture so that it soaks into the soil.

If excess water drains onto your garden a terrace can divert the flow of water effectively. A terrace is simply a ridge with a shallow channel on the upper side. Give the terrace a slight grade so that water does not stand in the channel but flows off gently. Make the terrace wide enough so that it blends in with the natural slope.

Grangers hear grim reports during Washington tour

HARRISBURG — Pennsylvania State Grange leaders heard a grim report on the status of the Social Security Fund while on tour in Washington, D.C. recently.

As part of their annual legislative tour, state officers and members of State Grange committees met with James Jeffers, associate commissioner for governmental affairs with the Social Security Administration, to look at proposed cuts in Social Security programs. What they found out was not encouraging.

Jeffers said the Social Security Old Age and Survivors Fund is in danger of being depleted by the end of 1982. At the present time, $12,400 per minute in benefits is being paid out of the fund more than is being put into the fund from payroll taxes.

The reasons? "High inflation plus real-term growth have caused rapid benefit increases over the years," Jeffers said. "At the same time, job layoffs and an overall sluggish economy have decreased taxes paid into the fund." According to John Svahn, Commissioner of Social Security, for every one percent rise in the U.S. unemployment rate (1.1 million persons), Social Security loses $2 billion per year in lost payroll tax revenues.

The president has appointed a 15-member nonpartisan commission to suggest changes to the Social Security System by Dec. 31, 1982. Proposals are on both sides of the spectrum and include: gradually lowering the level of real benefits, increasing the retirement age from 65 to 68, and foregoing additional cost of living adjustments. Grangers suggested that Social Security benefits be taxed if income is over a designated amount to increase revenues into the fund, and that veteran and other military pensions should be deducted from Social Security pensions.

At a breakfast with Pennsylvania congressmen, the Grange pushed for the release of Rural Abandoned Mine Program funds to Pennsylvania. These funds were collected through an assessment on coal companies of 35 cents per ton of coal produced. As of March 1982, the funds totaled more than $800 million.

Congress has authorized RAMP to receive 20 percent of these monies, however just five percent has been allocated per year since the program's start. The remaining 15 percent is bottled up in the Interior Department and collecting interest. The interest alone could be enough to reclaim many acres of abandoned mine sites, reported the Grange.

The Pennsylvania State Grange supported the drafting of a bill to be introduced in Congress to bypass the Secretary of the Interior and have the RAMP funds released directly to the Secretary of Agriculture.

The Grange got the assurance of Congressman Allen Ertel (D-17th) that he will draft a letter to the Secretary of the Interior signed by the Pennsylvania Congressional Delegation requesting that these funds be released to Pennsylvania immediately. About 27 percent, or 240,000 acres of abandoned coal mine lands in Pennsylvania are currently unreclaimed or inadequately reclaimed.

In a meeting with U.S. Senator Arlen Specter, Grangers pushed for increased appropriations for highway and bridge funding and conservation programs in Pennsylvania. Specter serves on the Senate Appropriations Committee and its subcommittee on agriculture.

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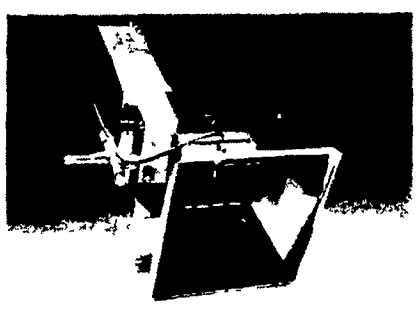

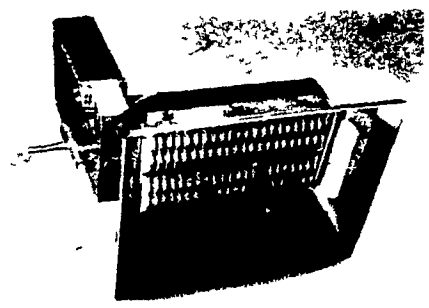

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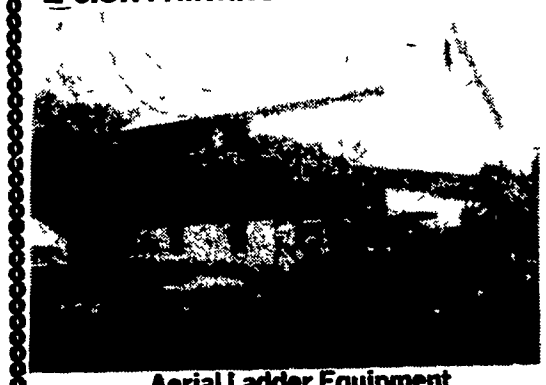

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Grassland Environmental FFA holds banquet

BLUE BALL — The Grassland Environmental FFA honored the achievements of its outstanding members Thursday, April 1, at the chapter's annual parent-member banquet in the Blue Ball Fire Hall.

The banquet was attended by some 220 members, parents and friends of the Garden Spot High School chapter.

Among the award winners were the four "star" honorees, who were selected as the top participants in the chapter program during the past year.

The Star Greenhand Awards went to Julie Hess, agribusiness; and Kevin Martin, agricultural production.

Their counterparts at the Star Chapter Degree Award level were Mike Weaver, agricultural resources; and Lamar King, agribusiness.

In addition to the presentation of awards to recognize achievement in specific areas, The Greenhand, Chapter and Keystone Degrees were conferred on qualifying members of the chapter.

Attending from the Pennsylvania FFA Association was Doug Hershberger, of the Solanco Chapter, state president.

Foundation awards were received by chapter members who displayed top proficiency in a number of agricultural areas. These include:

Ninth graders – Gina Black, poultry marketing; Brian Hurst, sheep production; Kevin Martin, diversified livestock production

Tenth graders – Lamar King, forestry management; Julie Pry, horse management.

Eleventh graders -- John Sweigart Jr., fish and wildlife management; Maria Lorah, outdoor recreation; Julie Hollinger, placement in agribusiness.

Twelfth graders – D. Craig Fox, agricultural processing; Pam Hoffman, agricultural sales; Lowell Graybill, swine production.

Alumni – Doug Dosch, nursery operations.

Several special chapter awards were also presented.

Mike Kunkle was named the chapter's Champion Hunter and Steve Shirk was named Champion Trapper.

State record book contest winners were Maria Lorah, a silver medal in directed laboratory experience and a bronze in sheep production, and Pam Hoffman, a bronze for a horse production project.

Appearing with Doug Hershberger, State FFA Association president, right, are Grassland Environmental FFA Star Chapter Degree award winners, Mike Weaver, left, and Lamar King, agribusiness.

Among special award winners at banquet of Grassland Environmental FFA are, from the left, Mike Weaver, second in Southeast Division Wildlife Habitat Improvement; Mike Kunkle, champion hunter; Lamar King, second in State Wildlife Habitat Improvement; Steve Shirk, champion trapper; and John Sweigart, first in Division competition.

Ted Fox, District Game Protector, presented awards on behalf of the Pennsylvania Game Commission. Recipients included Lamar King, a second at the state level for wildlife habitat improvement; John Sweigart Jr., first; and Mike Weaver, second, in the Southeast Division in the same competition. King was also honored as the first-place winner in the Lancaster County Wildlife Contest.

Certificates of Appreciation were presented to nine persons who cooperated with the chapter in various ways. These include June Unruh, of the Garden Spot High School secretarial staff; Helen Good, Guidance Dept. secretary; Dr. and Mrs. C, Darrell Lane, owners of the Nature Center site; Gladys Kring, president of the Brecknock Women's Club; Jay Irwin, Lancaster County Extension director; Ron Martin, vocational agriculture student teacher; Dick Anglestein, Lancaster Farming; and Matt Schnader, alumni supporter.

Honorary Chapter Degrees were awarded to Ted Fox, District Game Protector; William Houck, of the Beartown Sportsman Club; and Mr. and Mrs. John Sweigart Sr., parents of the chapter president.

Eugene Bowman, area naturalist, narrated a slide presentation of scenic locations in the Lancaster and surrounding region, stressing the variety of wildlife and plant life.—DA

Star Greenhand award winners from Grassland Environmental FFA, shown with chapter president John Sweigart, center, are Julie Hess, agribusiness; and Kevin Martin, ag production.

Owen J. Roberts FFA presents awards

POTTSTOWN — the 27th annual Future Farmers of America banquet of The Owen J. Roberts High School was held March 25 in the high school cafeteria with approximately 300 people, including FFA members and families, faculty, administration, and other members of the community attending.

Steven March, Chapter President, son of Mr. and Mrs. Frank March, Jr., of R1, Glenmoore, PA, was awarded the Neal R. Burtner Award, which is awarded by the Young Farmers of Owen J. Roberts in honor of former Agriculture teacher, Neal R. Burtner. He was also awarded the State FFA Degree Award.

Michael Jankowski, Chapter Vice-President, son of Mr. and Mrs. Henry Jankowski, of R2, Blackhorse Lane, Chester Springs, was awarded the Star Chapter Farmer Award and bronze medal for his State Production Project Book.

David March, son of Mr. and Mrs. William A. March, of R1, Rt 401 Finney Rd., Glenmoore, was awarded the Star Chapter Greenhand Award and the High Citrus Salesman Award.

Lane S. Keen, Jr., son of Mr. and Mrs. Lane Keen, Sr. of R1, Glenmoore, was awarded the American Farmer Degree Award.

April Plumley, daughter of Mr and Mrs. Kenneth Plumley, of R1, Pottstown, was awarded the State FFA Degree Award and the Dairy Trophy Award

Eric Mienzenger, son of Mr. and Mrs. John Mienzenger, of 1207 Township Line Rd., Phoenixville, was awarded the State FFA Degree Award and a gold medal for Working for Experience Project.

Thomas Roth, Chapter Treasurer, son of Mr. and Mrs Ronald Roth, of Star Route, Pottstown, was awarded the State FFA Degree Award and the FFA National Foundation Medal for Public Speaking.

Joel Swemhart, son of Mr and Mrs Wilmar Swemhart, of 1493 St Peters Rd., Pottstown, was awarded the Vegetable Gardening Trophy Award and a silver medal for his State Production Project Book.

Carl Walters, son of Mrs. Janice Walters, of Spring City, was awarded the Working for Experience Award (off farm)

Ken Adams, Chapter Chaplain, son of Mr. and Mrs Ernest Adams, of R1, Ellwoods RD , Pottstown, was awarded the Working for Experience Award (on farm) and a bronze medal for his Working for Experience Project

Darrell Guest, chapter Sentinel son of Mr. and Mrs Vernon Guest, of R2, Pottstown, was awarded the Corn Trophy Award, First Place.

Todd Berry, Chapter Advisor, son of Mr and Mrs. Charles Berry, of Grove Road, Elverson, was awarded the Corn Trophy Award, Second Place

Kathy Madden, daughter of Mr and Mrs. Gerald F. Madden, of R2, Hottecker Rd., Phoenixville, was awarded the Horse Trophy Award

Chris Soltys, Chapter Secretary, daughter of Mr. and Mrs. Chester Soltys, Jr., of 876 New Schuylkill Rd., Spring City, was awarded the Swine Trophy Award and a silver medal for her State Production Project Book

Leslie Scholfield, Chapter Reporter, daughter of Mr. and Mrs. William L Schofield of 1175 Sheephill Rd., Pottstown, was awarded the Dairy Trophy Award

James Mowerer, son of Mr. Richard Mowrer, of R1, 42 Lake Drive, Spring City, was awarded the FFA National Foundation Medal for Diversified Livestock Production and a silver medal for his State Production Project Book.

Steven Petry, son of Mr. and Mrs. Ray Petry, of New Town Square was awarded the FFA National Foundation Medal for Agriculture Mechanics.

Todd Bitler, son of Mr. and Mrs James Evens Bitler, of R1, Elverson, was awarded a bronze medal for his Working for Experience Project.

The awards presentations were made by Chester Raught, Vocational Agriculture teacher at Owen J. Roberts Highs School and Ms. Elaine Bluestein, student Agriculture teacher.

Kutztown wins contest

KUTZTOWN — Kutztown FFA Chapter continued its domination of the Berks County FFA Parliamentary Procedure contest.

Members of the first-place Kutztown team are President Mark Latshaw, Vice President Richard Savidge, Secretary Beata Shaffer, Treasurer David Rice, Reporter Micheal Mertz, Sentinel Steve Mertz, Chaplain Heidi Springer and Junior Advisor Andy Zollers.

Placing second was the Conrad Weiser Team of President Scott Troutman, Vice President Brian Schaffer, Secretary Troy Cox, Treasurer Charles Nolt, Reporter Paulene Noss, Sentinel Mike Miller, Chaplain John Stauffer and Junior Advisor Ronald Nolt.

In third place was the Twin Valley team of President Scott Stoltzfus, Vice President Brenda Werner, Secretary David Noyes, Treasurer Bertha Zerr, Reporter Lisa Yoder, Sentinel William Kirk, Chaplain Kevin Griest, and Junior Advisor Diane Stoltzfus.

Judges for the contest were Robert Kramer, from F.M. Brown teeds; Ernest Orr, vocational agriculture teacher at Ephrata High School; and Jeff Stoltzfus, Eastern regional vice-president of the Pennsylvania FFA Association. The first two teams in the country contest will advance to tri-county competition — the next step on the road to the state contest

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350 gather for Lehigh County FFA banquet

SCHNECKSVILLE — Some 350 members, parents, guests and supporters of the Lehigh County FFA gathered last Saturday night for the chapter's 11th annual awards banquet at the Lehigh County Vo-Tech School.

Following chapter tradition, the family-style meal featured student-raised products and other foodstuffs grown in Lehigh County.

Highlight of the awards presentations was the honoring of those members of the chapter who were selected as the outstanding "Star" participants during the past year's program.

Among these were:

Star Greenhands — Leslie Lazarus, agricultural production; Lori Rohrbach, floriculture; Stephen Ortiz, horticulture.

Star Chapter Farmers — Brian Dietrich, agricultural production; Dawn Bloch, floriculture; and Greg Kloss, horticulture.

Star Agribusiness — Cathy Fiske, agricultural production; and Debra Osika, floriculture.

Recipients of Foundation Awards and their areas of achievement include:

Kenneth Widrig, ag processing; Gary George, beef production; Brian Dietrich, creed contest; Jason Danweber, crop production; Brian Dietrich, dairy production; Dale Kressley, diversified livestock; Annette Gehringer, floriculture; Nancy Kressley, vegetable production.

Also, Cathy Kozero and Cindy Clymer, horse proficiency; Ralph Wood, ornamental horticulture; Steve Ortiz, horticulture design, Dawn Bloch, public speaking; Michael Koehler, sheep production; Leslie Lazarus, swine production; Dennis Trexler, soil management; and Greg Kloss, tree and turf.

Greetings from the State FFA Association were extended by Doug Hershberger, of the Solanco Chapter, Lancaster County, state president; and Glenn Wenger, of the ELCO Chapter, Lebanon County, state vice president.

The state officers also presented Keystone Degrees to three chapter members Cheryl Bobey, Gail Schaffer and Michael Koehler. The program also featured the presentation of chapter degrees.

Honorary Chapter Farmer Degrees to honor their support of the chapter went to William Albert, Dr. Karl Dutt, Joseph Kach, Herbert Katz, Tony Mazziotta, Donald Poh, James Snell and Joseph Smar.

Certificates of Appreciation were presented by the chapter to Mr. and Mrs. Robert Mattern, Mr. and Mrs. Eugene Kloss, Mr. and Mrs. Arthur Bloch, Mr. and Mrs. Russell Dietrich, Mr. and Mrs. Anthony Koehler, Mr. and Mrs. Dennis Trexler, Mr. and Mrs. Sterling Raber, Mr. and Mrs. Eugene Pattishall, Donald Reinert, Kenneth Heimbach, Gerald Strickler, Carl Mengel, Frank Moyer, Sandra Daniels, Tom Waidelich, Robert Leiby and David Dunbar.

State Rep. Donald Snyder, of the 134th District, was guest speaker.

The meal was prepared and served by the Junior Restaurant Association under Dean Ritter, foods preparation instructor at the vo-tech school.

Top honorees among members of the Lehigh County FFA Chapter are, from the left, Gregg Kloss, secretary and Star Chapter Farmer in horticulture; Dawn Bloch, vice president and Star Chapter Farmer in floriculture; and Brian Dietrich, president and Star Chapter Farmer in ag production.

Lehigh County FFA's Star Greenhands, who were honored at last Saturday night's banquet, include, from the left, Stephen Ortiz, horticulture; Lori Rohrbach, floriculture; and Leslie Lazarus, ag production.

Gathered around podium at Lehigh County's FFA annual awards banquet are, from the left, Doug Hershberger, State FFA Association president; Brian Dietrich, chapter president; Frederic Stillwagen, chapter advisor; and Glenn Wenger, state vice president.

Cloister FFA chapter honors top members

EPHRATA — The Cloister FFA Chapter of Ephrata Area High School held its 21st annual awards banquet on Friday, March 26, at the Mt. Airy Fire Hall.

Highlight of the evening was the presentation of various awards to chapter members for their outstanding achievements of the past year.

Topping this list were the six Star award winners who were selected as the leading chapter participants. They include:

Star Greenhands — J. Marvin Zimmerman, ag production; and Nevin Horning, agribusiness.

Star Chapter Farmer — Thomas High.

Star Chapter Agribusinessman — Jeffrey L. Martin.

Star Red Rose Farmer — David Smith.

Star Red Rose Agribusinessman — Nevin Hoover.

Foundation awards to recognize proficiency in specific agricultural areas were presented by advisors, Ernest Orr and Christine Adam. They include:

Galen Sauder, agricultural mechanics; Brian King, agricultural processing; Keith Martin, agricultural sales and service; James Musser, crop production; Richard Stauffer, crop production; James Bollinger, dairy production; Dwight Graybill, home improvement; Michael Garman, livestock production; Timothy Pfautz, poultry production.

Stephen Smith, public speaking; Bruce Weaver, extemporaneous public speaking; Darryl Bollinger, sheep production; Mike Pfautz, swine production; Tammy

(Turn to Page B22)

Six "Stars" of the Cloister FFA include, from the left, Nevin Horning, Star Greenhand in agribusiness; Tom High, Star Chapter Farmer in ag production; Jim Zimmerman, Star Greenhand in ag production; Jeff Martin, Star Chapter Agribusinessman; Dave Smith, Star Red Rose Farmer; and Nevin Hoover, Star Red Rose Agribusinessmen.

National Proficiency Award winner in ag mechanics from the Cloister FFA is Ron Good.

Cloister FFA

(Continued from Page B21)

Dickersheid and Lynn Crills, vegetable and fruit production; Daniel Lynch, outdoor recreation; Russell Ackley, agricultural electrification; and Dale Martin, placement in agricultural production.

The judging team awards and special awards were presented by Lewis C. Ayers. They include:

Merle Martin, who participated in the Milk Products judging contest at the national convention in Kansas City.

Clifford Weaver, who participated in the Agriculture Mechanics contest at the Eastern States Exposition, Springfield, Mass.

Stephen Moyer, who participated in the National FFA Land Judging contest at Oklahoma City.

Jeffrey Martin, James Bollinger and David Smith, who participated in the Dairy Judging contest at the Eastern States Exposition, Springfield, Mass.

Among the special awards, brothers Bob, Rick and Steve Strauss were honored for their outstanding achievements in swine showing and judging as members of the chapter.

Jeffrey Martin was cited as the high citrus salesman.

Ronald Good received a National Proficiency Award in agricultural mechanics.

Honored by the Cloister FFA Chapter for their outstanding achievements in swine showing and judging are, from the left, brothers Rick, Steve and Bob Strauss.

Presentation of Record Book medals was made by Charles Ackley, of the vo-ag staff They include:

Off-Farm Work Experience – Brian King and Dennis Saylor, gold; Stanley Horning and Gilbert Stuber, silver; Avery Copenhaver and Ben Engle, bronze.

Three Enterprise – Jim Musser and Tim Pfautz, bronze.

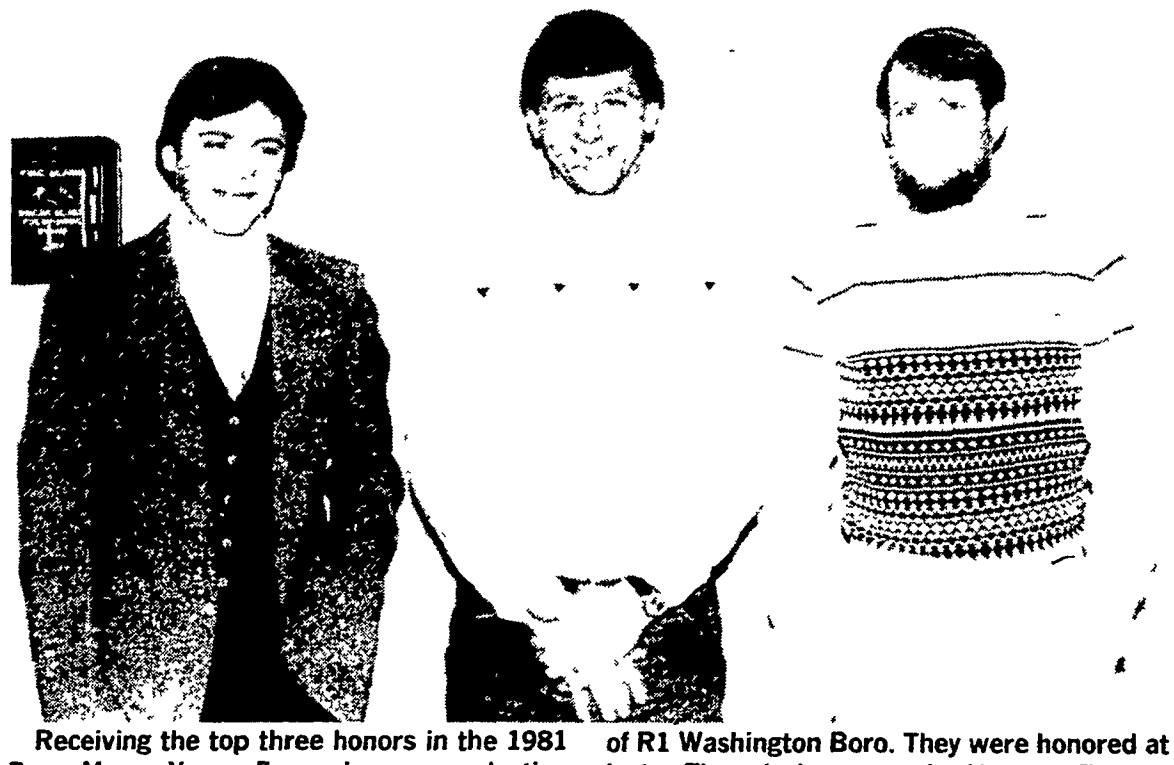
Receiving their Keystone Degree pins were Galen Sauder, Stephen Smith, Bruce Weaver, Clifford Weaver, Brian King, Stephen Moyer, Daniel Lynch and Michael Pfautz.

The parents of the Keystone Farmers were presented Honorary Chapter Farmer Degrees.

Recipients of the chain animals were J. Marvin Zimmerman, dairy calf; Lynn Crills, market lambs; Tom High, gilts; Jeff Martin and Dean Saylor, capons; Mike Garman, steer; Steve Fox and Clair Weaver, feeder pigs.

Service Citation Awards went to Brent Miller, of Stanford Seeds; Wes Stauffer Sales and Service; and the Ladies Auxiliary of the Durlach-Mt. Airy Fire Company.

Greetings from the State FFA Association were extended by Jeff Stoltzfus, regional vice president.



Receiving the top three honors in the 1981 Penn Manor Young Farmer's corn production contest are: Cliff Charles of R2 Lancaster, Hen Barley, also of R2 Lancaster and Don Witmer of R1 Washington Boro. They were honored at last Thursday's annual Young Farmer banquet.

Penn Manor Young Farmers honor top members

BY DEBBIE KOONTZ

MILLERSVILLE — The Penn Manor Young Farmers honored top members who were winners in the 1981 corn production contest and elected officers at the chapter's annual banquet last Thursday night at Millersville's High School.

Approximately 180 people, including members and their families, agribusiness personnel and guests attended the banquet.

Among the new officers elected that night — although not officially announced till Tuesday — are: Phil Shertzer, president, from R2 Lancaster; Rick Burkholder, vice president from Washington Boro; Glenn Rohrer, secretary from R2 Lancaster; Earl Newcomer, treasurer from R1 Washington Boro; and Cliff Charles of R2 Lancaster, Elvin Hess of Conestoga, and Hen Barley of R2 Lancaster for the planning committee.

Among the three top winners for the corn production contest are:

— Cliff Charles of R2 Lancaster. Charles is in a partnership with his father Abram Charles, farming 125 acres and operating a farrow-to-finish operation with 135 hogs. They also have 100 beef cattle. Charles planted Pioneer 3184 with a total of 186.21 bushels per acre.

— Hen Barley of R2 Lancaster. Barley runs a poultry and beef operation with 100,000 pullets and 160 cattle. Barley earned second place with two fields: Cargill 967 at 175.16 bushels per acres, and Cargill 924 at 174.25 b/a.

— Don Witmer of R1 Washington Boro. Witmer's operation consists of 100 steers; 280 acres, 27 of which are in tobacco; and 18,000 breeder pullets, twice a year. Witmer planted Pioneer 3184 also with a total of 174 b/a.

Others recognized for their results in the contest were: Elias Groff, Pioneer 3331 at 173 b/a; Elmer Sensenig, Pioneer 3184 at 165.23 b/a; Bob and Dick Neff, Pioneer 3184 at 162 b/a; Bob Noll, Pioneer 3184 at 163 b/a; and Glen Burkholder, Dekalb XL71 at 163.04 b/a.

Approximately 30 farmers participated in this corn contest with a total of 38 fields.

Another special presentation, in the form of a $20 gift certificate, went to Jeff Hart who has been the Young Farmer's advisor for the past two years.

During the presentation, Charles announced that membership totals 100 members, up from 15 only two years ago.

Guest speaker for the evening was Keith Eckel, president of the Pennsylvania Farmer's Assn. The Bluegrass Jug Band provided entertainment.

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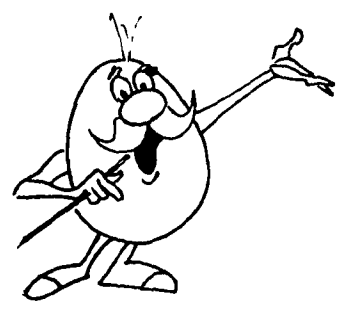

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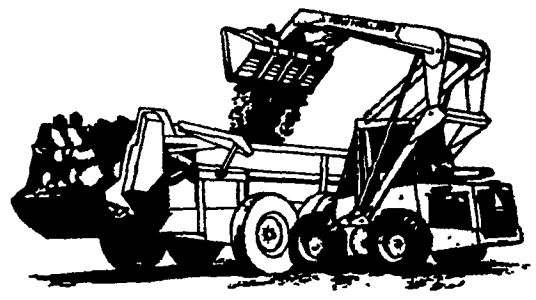

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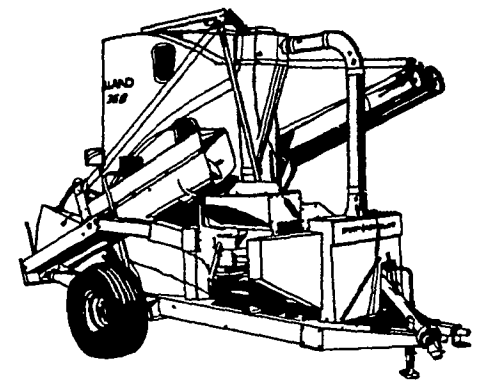

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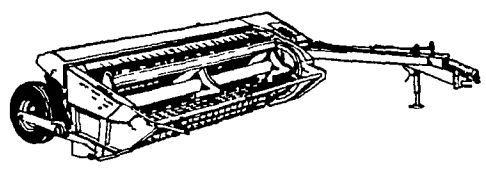

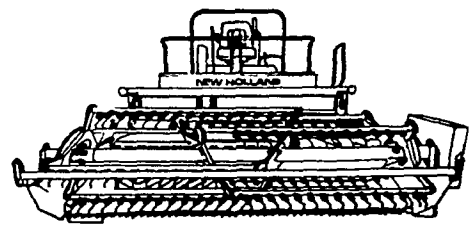

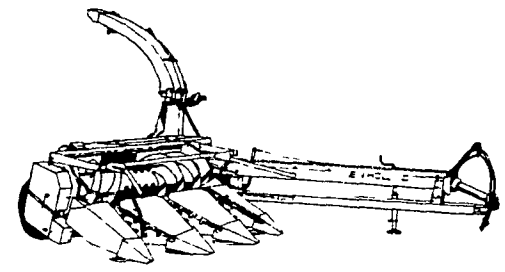

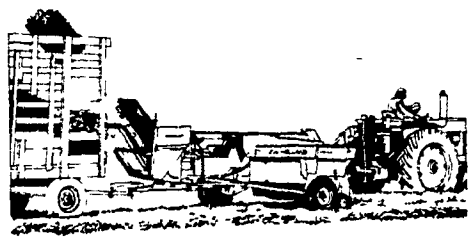

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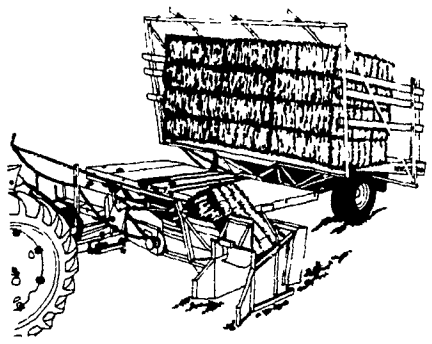

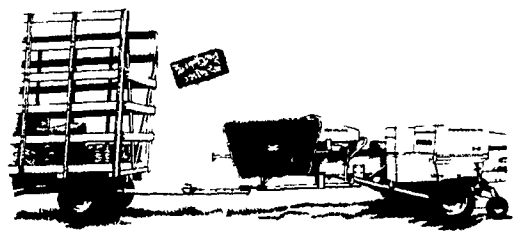

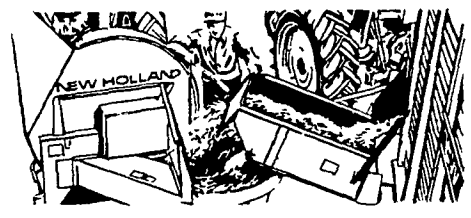

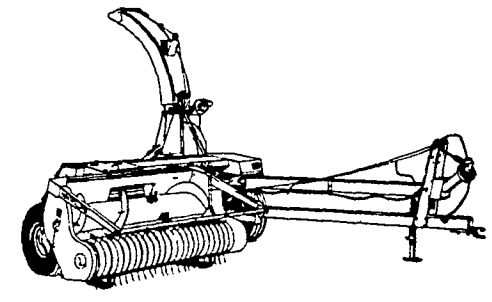

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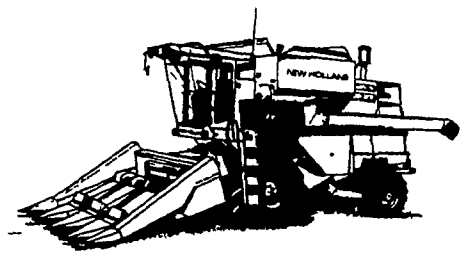

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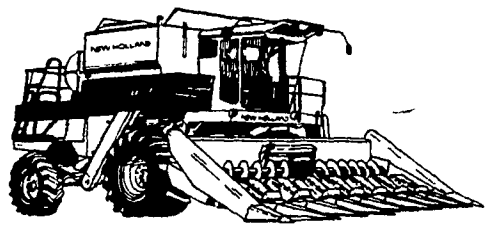

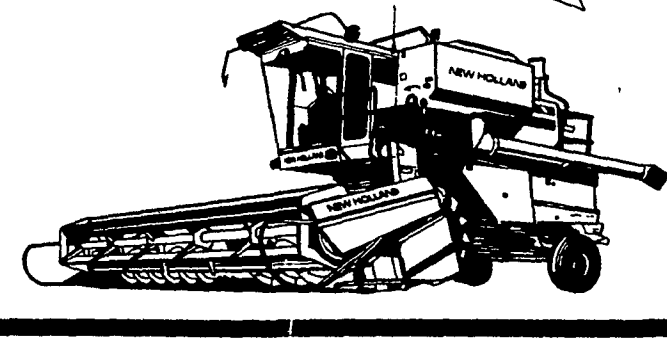

What's the egg price, profit outlook?

UNIVERSITY PARK — Will steady profits return to the egg industry in 1982? Will they be sufficient to offset prior losses and allow egg producers to rebuild economic reserves in preparation for future unprofitable periods?

To answer these questions, Penn State's Poultry Marketing Specialist A. Kermit Birth reviewed what happened to the egg market in January and February.

Prices for large Grade A eggs climbed above 90 cents a dozen in New York City in late January after snow and ice storms interrupted movements of egg supplies from farm to markets and production dropped, he said.

By the end of February, prices had returned to 76 cents — only about 4 cents above prices for the same period the previous year. Then as new export orders were being filled near the end of February, the market strengthened, Birth explained.

About 8 million or 9 percent fewer pullet chicks were hatched from August 1981 to February 1982, he said, a reduction equaling about 3 percent of the number of layers on farms on Feb. 1, 1982. By Feb. 1, the number of layers on farms was only 1 percent below the number a year earlier.

"Increased force-molting has largely offset this reduction in the number of pullet chicks hatched," Birth observed. "A 1 percent increase in force-molted layers in the nation's flock is equal to 2.9 million layers. On Feb. 1, 1982, 18.8 percent or about 55 million layers on farms had been force-molted as compared with 16.5 percent a year earlier. The number of eggs per layer in January was about the same as a year earlier."

Even with an increase in the percentage of force-molted layers, the number of layers on farms will probably continue to average less than a year earlier, Birth predicted. About 5.7 million fewer light-type hens and one-third of a million fewer heavy-type hens were processed under federal inspection from Jan. 1 to Feb. 17, 1982.

"Part of the reduction may have been due to delayed processing and increased mortality during adverse weather," he hypothesized.

The reduced number of hens marketed plus a 1 percent reduction in the number of layers on farms (2.9 million) would more than equal the reduced number of pullets to be housed from August 1981-January 1982 hatch of egg-type chicks.

"From Aug. 1, 1981 to Feb. 1, 1982, the average number of layers on farms each month with the exception of December averaged more than 1 percent less than a year earlier," Birth reported. "In January, the number of eggs-per-layer was about the same."

For the rest of the year, egg prices will be influenced to a great extent by the proportion of force-molted layers on farms, Birth forecasted.

"As profits improve and poultrymen are able to replace force-molted layers with pullets, the average rate of lay could increase. More of the pullet produced would then be required to replace force-molted layers without increasing the total number of layers on farms. Future quantities of force-molted layers in the nation's flock will depend to a great extent on the profitability of these layers as compared with all pullet flocks," Birth stated.

High interest rates may limit expansion if the poultry industry becomes profitable and stays so for a long time, he added.

"As usual, factors beyond the control of poultrymen influence the profitability of the egg business, Birth said. "One of these is the feed situation." He mentioned that from fall 1980 until winter 1981, high feed prices "put the squeeze on the egg business."

"If feed prices increase substantially during the last half of this year, relatively hgiher prices will be needed to maintain and/or increase industry profits," Birth noted.

Any prolonged sharp increase in profitability could bring further expansion which in turn could return the industry to below-cost of production and marketing prices, he cautioned.

"Significant price increases this spring and summer could result in expansion, in turn adversely affecting the egg situation this fall and winter," Birth concluded. "If prices this spring and summer are about even with those a year ago, the situation during the last half of the year may continue to be profitable."

Officers of the Kennard-Dale Young Farmers include, from the left, front row, Clark Eveler, secretary; John Johnson, president; David Trout, vice president; back row, Kenneth Moore, public relations; Daniel Hushon, treasurer; Elwood Krick, and Rick Pfautz, of the Pennsylvania Young Farmers.

Kennard-Dale YF holds banquet

FAWN GROVE — The Kennard-Dale Young Farmers Association awarded its outstanding community service award to Mr. and Mrs. Donald Wilson, R1, New Park, at the chapter's recent sixteenth annual banquet.

Wilson, a past president of the Young Farmers, is presently a member of the Pennsylvania Farmers Association and the Fawn Grove Fire Company. The Wilsons are members of Centre Presbyterian Church in New Park. They received a $50 saving bond from York Bank and Trust Company, Fawn Grove office, at the banquet.

Greetings were extended by Mr. Rick Pfautz from the Pennsylvania Young Farmers Association.

Members of the junior class presented a preview of the musical, "The Wizard of Oz".

New officers for the group are John Johnson, president; David Trout, Vice-President; Clark Eveler, Secretary; Kenneth Moore, Director of Public Relations; and Daniel Hushon, Treasurer.

Penn Manor

(Continued from Page B22)

were: P.L. Rohrer and Bro., Inc.; Richard Dombach; Organic Plant Food; Pennfield Corporation; Manor Farm Service; R.S. Hollinger and Son, Inc.; Hoffman Seeds; Chemgro Fertilizer Company, Inc.; Richard Binkley of Dekalb Seed; Group Purchasing Agent from Safemark Products; Hen Barley, Cargill Seed Corn; Guy Eshelman, Pioneer Seeds; and Earl Newcomer, McNess Products.

CCC interest decreases to 13.875%

WASHINGTON, D.C. — Commodity and farm storage facility loans disbursed in April by the U.S. Department of Agriculture's Commodity Credit Corporation will carry a 13.875 percent interest rate, Everett Rank, Executive Vice President of the CCC announced recently.

The new rate, down from 14.875 percent, reflects the interest rate charged CCC by the U.S. Treasury in April, Rank said.

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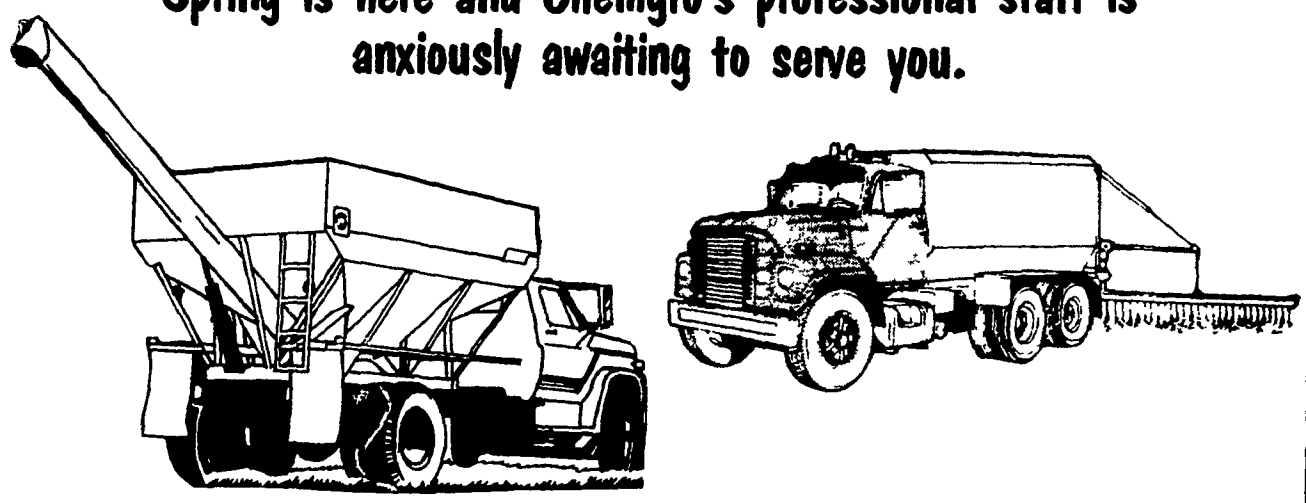

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Pheasant Hollow Farm gears up with horse power

BY GINGER SECRIST MYERS
Staff Correspondent

GETTYSBURG — When Joanne Kinsey calls her beauties, the ground literally shakes beneath your feet. That's because Joanne's beauties are her 1800 to 2000 Belgian horses.

Bubbling with enthusiasm for the farming life that she and her husband Gene are mapping out, Joanne states emphatically, "I'm into this horse business because I love these big horses."

It wasn't until two years ago that the Kinseys became involved with draft horses. Joanne remembers that they'd had horses for years, but those were pleasure horses.

She relates, "I tried to get into Peruvians, but the people weren't very friendly and something always happened to mess it up. Two years ago we saw the big horses at the Farm Show and fell in love with them. We went to talk to our neighbor Larry Ornsdorff, who has Belgians and decided to buy our own. The draft horse people are the friendliest and most helpful people I've ever worked with."

The Kinseys now own 14 of the big horses. Joanne considers that they might have gotten too many too fast but laughs that the deals they got were so good they just couldn't pass them up.

Though both Gene and Joanne are involved with the horses, the bulk of the responsibility for the horses falls to Joanne.

Gene is kept busy with a family construction business, farming 800 acres which includes 515 acres of corn, plus a small beef herd. The Kinseys have decided that they are spread too thin and are presently leaving the construction business to devote their efforts full time to their first love, farming.

Joanne stresses that besides the enjoyment she receives from working with her draft horses, there are financial gains to be made. While the Kinseys don't stress showing, they do become involved in the larger shows since these events attract potential buyers. Joanne points out, "The trick in this business to keeping your head above water is to have something good to sell every year."

Getting that good horse takes hours of work, starting from weaning to breaking the animal to hitch and pull. The Kinseys work their horses and own a sleigh, manure spreader, wagon, and a forecart. Joanne points out that every piece of equipment they buy must be usuable, just as each of their horses must be usuable.

The Kinseys figure that they have invested $20,000 in their breeding stock plus about $15,000 annually in related expenses. However, they are confident that within three years their horse business will be showing a profit. Joanne explains, "People really appreciate the idea of having an animal that they can work as well as enjoy. Horses are a good investment property, returning as much as 38% profit. Even though the market price is down from last year, the demand is still high. Foreign buyers are increasing too. Of course some of them are buying stallions to use for meat production purposes."

Joanne admits that she's learned a lot since her first purchases and is now a better judge of horse flesh. She's learned a lot about what make a good hitch team too. Joanne explains that draft horses are called "cold blooded" because they react so calmly to potentially dangerous situations. She has observed that if a draft horse gets into trouble, it usually waits for someone to help it rather than struggle as other horses might.

Since the draft horse is so calm, Joanne points out this quality makes them excellent working horses. When teaching a team to hitch, Joanne recommends waiting until the horse has almost reached its full height and the bones in its legs have stopped growing. Most horses are broke to hitch and pull by hitching them with a trained horse and letting them learn by example. Joanne feels that the sooner you start working and handling the horse, the better chance the horse will develop a good working temperament. Your hitch team should also work well together and be well matched so that their strides pull together according to Joanne's standards.

Joanne feels fortunate to have the quality of breeding stock that they have a Pheasant Hollow, but cautions anyone considering getting into the business not to jump in too fast. She advises interested persons to subscribe to the Draft Horse Journal and to learn everything they can about the big

(Turn to Page B28)

Joanne Kinsey, Pheasant Hollow Farm, handles her matched Belgian mares like a professional as they work out with their wagon. The Kinseys are building a breeding herd of draft horses that will work as well as they show.

Joanne Kinsey loves her horses and her horses seem to love her. Pictured with Joanne is "Katie," one of the fillies that the Kinseys hope will be a good brood mare as well as a good hitch horse. Katie won third in a tough class at the Farm Show this year and a blue ribbon in a group class.

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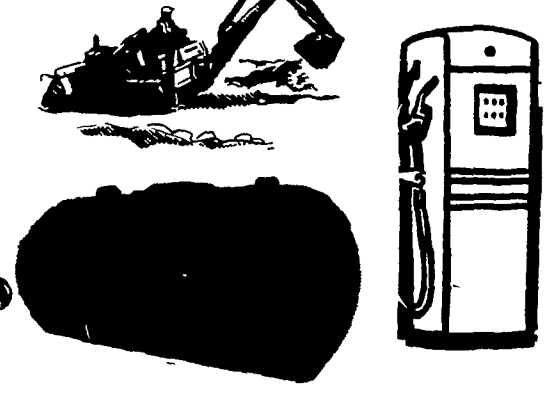

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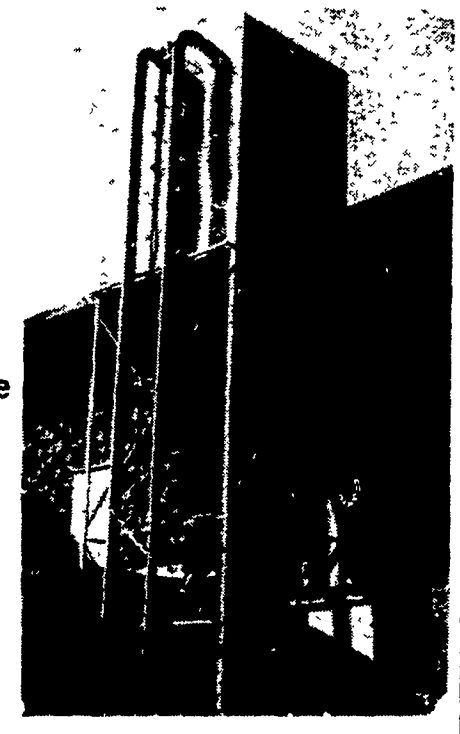

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Md. Angus Breeders meet, elect officers

WESTMINSTER, Md — Close to 100 Angus breeders and friends attended the Maryland Angus Association annual meeting here recently at Bullock's Restaurant.

Elected officers for 1982 and five directors for three-year terms included: President Augie Velisek, Woodbine, Md., Vice president John R. "Dick" Whaley, III, Queenstown, Md, Secretary-Treasurer Samuel Riggs, IV, Olney Md, and Executive-Secretary Caryl Velisek, Woodbine. Re-elected to the Board of Directors is Augie Velisek and new directors are Dick Beck, Queenstown,Md; Emmett Full, Mt. Airy, Md.; Lee Miller, Woodsboro, Md.; and James R. Moxley, West Friendship, Md.

The Maryland Angus Women's Club announced their new officers, also. President is Judy Considine, Middletown; vice president is Marilyn Miller, Woodsboro, Md., secretary is Isabel Hamm, Clarksburg, Md.; and Treasurer is Doris Holston, Derwood, Md.

Two annual awards were announced. The 1981 Maryland Angus Family Award was presented to the William Gregg family of Gaithersburg, and the 1981 Maryland Angus Breeder Award was given to Gordon C Keys of Oatland Farm, Olney.

Highlight of the day was crowning of the 1982 Maryland Angus Queen She is Pamela M Stabler, daughter of Mr. and Mrs Robert Stabler, Pleasant Valley Farm, Brookeville She will represent Maryland Angus at various shows and events throughout the state and country

Guest speakers included Dean Hurlbut, director of Activities for the American Angus Association, St Joseph, Missouri, Chet Hughes, Regional Manager for the American Angus Association who retired April 1 to assume duties with the Lancaster Extension Service, and Steve Olsen of the U S Department of Agriculture, who spoke about beef and beef grading

The Maryland Junior Angus Association met with Hurlbut and Hughes to discuss the Eastern Regional Junior Angus Heifer Show to be held in Gaithersburg, Md. June 26 and 27, 1982. Entry forms for the show are now available from the American Angus Association, 3201 Frederick Blvd., St. Joseph, MO 64501 and must be received by them by May 17, 1982.

A needlepoint picture of an Angus done by Susan Holston, Derwood, was auctioned off to help raise funds for the Maryland Junior Angus Association. The Old Dominion Heritage Group, represented by Tom Stokes of Ayrshire Farm, Upperville, Va., and Gordon Keys of Oatland Farm, Olney, Md., purchased the picture for $105.

The First Angus Youth Award, presented by Echo Valley Farm of Monkton, Md. in memory of John R. Canby, was presented to Lori Moxley, West Friendship.

New officers and directors of the Maryland Angus Breeders' Association include: from left, Dick Beck; Samuel Riggs IV, secretary-treasurer; Dean Considine, immediate past president; Bill Canby; Augie Velisek, president; Warren Streaker; Jim Weld; Emmett Full; Dick Whaley, vice president.

Gordon Keys, owner of Oatland Farm, Olney, Md., left, accepts the 1981 Md. Angus Breeder Award from Emmett Full, awards committee chairman.

Officers of the Maryland Angus Women's club include: from left, Isabel Hamm, secretary; Doris Holstein, treasurer; Marilyn Miller, vice president; and Judy Considine, president.

Officers of the Md. Junior Angus Assn. are, from left, Pamela Stabler, president; Lisa Neal, reporter; and Sonia Hamm, secretary.

Pamela Stabler, left, was crowned the 1982 Maryland Angus Queen during the Association's recent annual meeting. Pam will be assuming the royal responsibilities from last year's queen, Karen Holloway, right.

Co-ops hold institute

ELVERSON — Nine members of the Twin Valley FFA Chapter were among 80 vo-ag students who attended the annual Dutch Country Cooperative Institute at the Elizabethtown Agway Distribution Center on March 30.

Attending from Twin Valley were Scott Stoltzfus, Brenda Werner, Mary McMullen, Clark Schnable, Greg Raser, Duane Aulenbach, Delores McDermott, David Sowa, David Noyes and Ronald Frederick, chapter advisor.

The Institute, sponsored by agricultural cooperatives from the Berks, Schuylkill, Lebanon and Dauphin County areas is designed to instruct students in the value of farm cooperatives and explain how they function.

The program included speakers from Atlantic Breeders and the Adams County Electric Cooperative, who explained the operation of their organizations. The students also toured the Agway Distribution Center and the seed packaging operation. Tammy Yost presented a slide show on the state and national institutes. Don Robinson, adult farmer instructor, Eastern Lancaster County School District, led the group in a simulated cooperative annual meeting.

Eight students will be selected to attend the annual state institute scheduled in July at Shippensburg State College. The national institute will be held in August at Purdue University.

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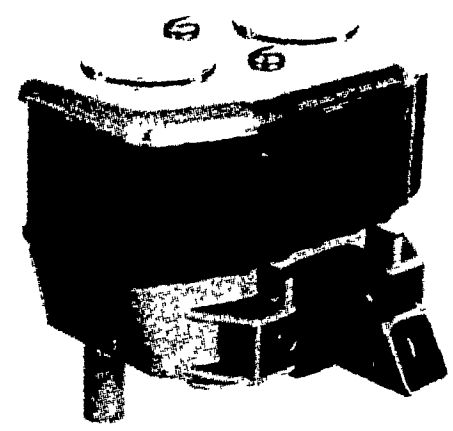

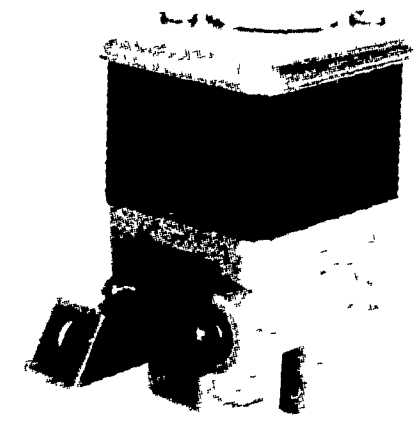

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Farm Bureau head casts cautious, optimistic eye on future

By JOYCE BUPP
Staff Correspondent

MOUNT POCONO — "We have endured pain before; we'll live through it," predicts a cautiously optimistic Farm Bureau president Robert Delano.

Delano, a Virginia grain farmer who heads the nation's largest farm organization, was the keynote speaker at last week's Baltimore District Farm Credit Bank's annual meeting at the Mt. Airy Lodge.

Before a breakfast crowd of several hundred, Delano checked-off a list of corrective measures for the country's current economic woes, praised the Farm Credit System while warning that it must not be politically manhandled, and leveled a bit of criticism at the Farmers Home Administration.

While acknowledging that large numbers of farmers are "borrowed to the hilt," and that 1982 is expected to be the third consecutive year of depressed farm income, Delano suggested that the mood on most farms is still "let's give 'Reaganomics' a chance."

He cited several reasons for the "pain" farmers are enduring, including carryover feedgrain amounts that are nearly twice the levels of the '70's, increased planting intentions, only modest participation in the feedgrain set-asides, runaway milk production, a slipping balance of payments, and high, volatile interest rates.

But, Delano counted those factors with some pluses. Monthly inflation rates are at a four-year low, and the consumer price index should hold at the six or seven percent level, if the Federal Reserve holds tight on the money supplies.

"I do not hesitate to say that most farmers, including myself, have faith that the economic recovery program is working, that interest rates will move down quite dramatically in the next ten months, and that there will be a strong national economic upturn in the second half of this year."

Virginia dairymen quiz Farm Bureau President Robert Delano on self-help programs designed to cut surplus milk production. Delano was the keynote speaker at the opening breakfast of the Baltimore Farm Credit annual meeting.

Delano tempered that prediction with his "if's."

"—if Congress is not allowed to use the budget deficit as an excuse to raise taxes and to continue deficit spending;

"—if there are truly significant cuts in federal spending involving the "uncontrollable" portion of the federal budget – including entitlement programs;

"—if the ten percent tax reductions scheduled for July this year and next year are not derailed by Congress.

"—if the Federal Reserve holds to a stable, modest growth in the money supply, keeping pace with national productive growth;

"—if voters in the fall elections pick fiscal conservatives dedicated to a continuing reduction in the size

(Turn to Page B29)

Pheasant Hollow gears up

(Continued from Page B25)

horses before venturing the substantial investment necessary to purchase quality stock. She also recommends start by purchasing the best filly you can afford.

She further explained, "Don't buy anything with glaring faults but remember that you can improve your stock through breeding. Buy her when she's small enough to handle so that you can both learn together."

The Kinseys truly love their horses, but their affection for "critters" doesn't stop with the four-footed variety. Their farm is registered wildlife sanctuary and is the home for over 200 pheasants. Their farm ponds have attracted over 800 geese, hundreds of mallard and wood ducks, blue heron, and even white egrettes. Last year they fed a hundred pounds of corn a day by their ponds and over 150 pound of wild bird seed weekly through eight feeding stations across the farm.

The Kinseys are bursting to get on with farming full time and whether one comes in on two feet, four feet, or webbed feet, the Kinseys' welcome mat is always out.

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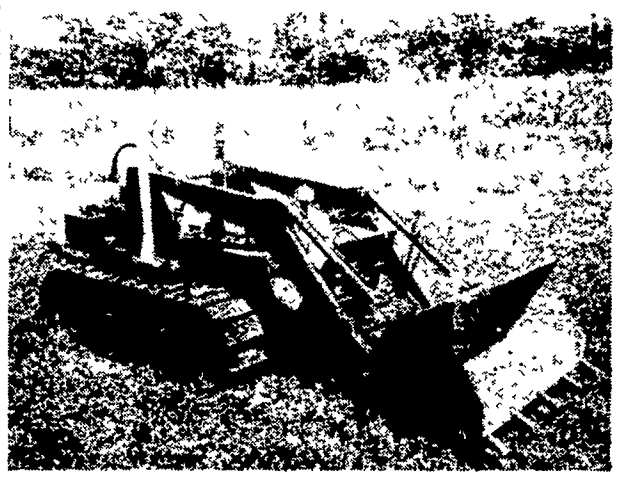

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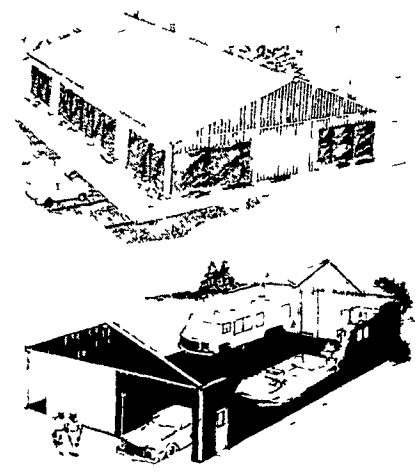

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FARMER fundraiser features Congressman de la Garza

CAMP HILL — Congressman E. (Kika) de la Garza, (D-Tex), the chairman of the House Agriculture Committee, will be the guest at the second annual statewide fundraising dinner for FARMER, the bi-partisan political action committee of the Pennsylvania Farmers' Association.

The event takes place Friday, April 23 at the Penn Harris Motor Inn, Camp Hill, beginning with a reception at 6 p.m. and dinner at 7 p.m. Congressman de la Garza will speak on the role of the federal government in U.S. agriculture.

Tickets for the dinner are available at $100 per person (or $125 including spouse) from the PFA office at 717 761-2740, county farmers' association presidents, PFA state board directors, or from FARMER committeemen listed below. Reservations must be made by Friday, April 16.

Congressman de la Garza has been a member of the House Agriculture Committee since he took office in 1965. He was elected committee chairman in December 1980. He has actively promoted legislation to expand the agricultural export trade and to support research needed so American agriculture can meet growing domestic and world needs.

Proceeds from the dinner will be used by FARMER to help elect and support friends of agriculture in the General Assembly. FARMER (Farmers Allied for Responsive More Effective Representation) is a voluntary bi-partisan organization which complements the public affairs activities of PFA.

FARMER committeemen and their telephone numbers are: chairman, Chris Wolff of Millville 717 458-6636; William Moore of Myerstown, 717 933-4629; John Stoner of Mercersburg, 717 328-2866; Frank Bertovich of Bentleyville 412 239-4359; George Gregg of Grove City, 412 458-6181; Frank Sankey of Clearfield, 814 765-9420; and Gary Rickard of Honesdale, 717 253-1708.

To speed delivery of your tickets, you can send check, payable to "FARMER" to FARMER, P.O. Box 736, Camp Hill, Pa.

Farm Bureau head

(Continued from Page B28)

and scope of government in favor of growth in private enterprise."

Turning to the Farm Credit system, Delano warned that "we worry as farm debt continues to grow and fear that a true depression could jeopardize the system."

"We want a Farm Credit delivery system that is sound in every way...financially solid, competitive and politically unassailable," he emphasized, adding that enormous political pressures can be focused on a loan, resulting in unwise decisions.

Such loans, Delano says, sometimes cause great injustices to both those who win them and to those who might better have used the money.

"Farm bureau opposes efforts to establish federal budget control over the Farm Credit system, or to limit credit competition, or to set artificial interest rates," he said, in apparent reference to a current USDA study being done in response to Reagan administration challenges to the Farm Credit system.

Some alleged lending practices by the Farmers Home Administration also came in for criticism from the Farm Bureau head.

Delano said that some FmHA monies have reportedly been used to build municipal sewage plants and condominiums as part of federal low-income housing programs, and that the program must be kept to its original purpose of helping farmers who cannot qualify for other financing.

He added that Farm Bureau has asked Agriculture Secretary John Block to release 600 million dollars in FmHA discretionary funds, as authorized in the 1981 Farm Bill, to insure and guarantee loans to qualified borrowers.

But along with such financing, Delano called for counseling, with regular reviews and revisions on loan qualifications and limits.

"We do no favors in keeping unqualified farmers or ranchers in business, if by every management yardstick they should be doing something else," he affirmed.

Special credit programs are a must to deal with the needs of young farmers and ranchers, he believes, while encouraging professional lenders to seek the advice on such programs from established successful farm operators and the farming community.

Ask the VMD

Leon Riegel

Synthea Maas

Tim Trayer

Edgar Sheaffer

A reader asks:

Please explain how a non-pregnant cow can be induced to lactate?

Dr. Trayer comments:

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The production results are variable, ranging from 0 to 100 percent. The average of 60 percent is most commonly achieved.

From the first injection to lactation is approximately 21 days. During this time, the animal will have to be isolated due to intense non-fertile heats. Once production begins, a peak is achieved 8 to 10 weeks later and has a normal duration.

It is interesting to note that 60 percent of the non-breeders during the previous lactation conceive during the induced lactation.

The induction of lactation should be limited to superior quality or production animals. A farmer should be aware of the variable results and the several professional services required to achieve an induced lactation.

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Clinton Co. Extension director to retire

UNIVERSITY PARK — Chester P McMinn, Clinton county Extension director will retire April 20 with 36 years of service

A native of Brockway, McMinn received a bachelor of science degree from Penn State in 1939, majoring in agricultural education. He has done graduate work at Penn State and West Virginia University.

He taught vocational agriculture for three years, then served as an officer in the U.S. Army Air Force from 1942-45. McMinn was named to the Extension staff in 1946 as an assistant county agent, dividing his time between Clarion and Venango counties. Two years later he was assigned full time in Venango County and was promoted to Clinton County agent in 1955.

When McMinn was assigned to Clinton County, tobacco acreage was decreasing due to the lack of a suitable market. He assisted growers in converting land to vegetable production, primarily for canning and freezing purposes

His work with farmers enrolled in the Dairy Herd Improvement Association led to dramatic increases in milk production. He stressed mastitis control and improved feeding programs. Approximately 58 percent of the total number of cows in the county

Chester P. McMinn

are enrolled in the milk testing program.

The retiring Extension agent promoted enrollment in the State Alfalfa Growing Program as a tool in increasing crop yields. During the last four years, 11 Clinton County farmers were enrolled in the contest and at least one entry placed in the top five each year. The results of these demonstrations generated interest in other growers to improve quality, yield, and income from alfalfa production.

McMinn conducted educational programs to keep farmers informed of corn practices that will increase yields, improve storage, utilization, and marketing. This was carried out through meetings, tours, and participation in the Pennsylvania Corn Club.

With increasing livestock numbers in Clinton County, soybean production is becoming a practical alternative for corn. McMinn assisted in establishing soybean test plots to assess maturity and yields for the different climates found in the county. He also provides information on the use of herbicides, fertilizer, and cultural practices for soybeans.

As farms increase in size and land values continue to rise, farmers have found a need for more information on estate taxes, insurance, and investments. The Extension agent developed a program to provide estate planning information by organizing meetings and through individual assistance where personal questions can be discussed.

He also organized a series of public meetings on a controversial property tax issue. Topics centered on increasing citizens knowledge of the operation of the property tax, providing a setting for discussing tax issues, and elaborating on alternatives to the property tax. The meetings were open to all interested citizens and local government officials

In 1966, McMinn received a Distinguished Service Award from the National Agricultural Agents for his service to agriculture

He is married to the former Irene Cordray, of Point Marion. They are the parents of three daughters.

Ida's Notebook

Ida Risser

Tomorrow will be Easter and we'll probably celebrate it by hunting baskets of candy and decorated eggs. After breakfast we'll go to church and hope for a nice sunny day to enjoy the outdoors. Maybe several of our children will be home for a big, ham meal and the traditional fancy coconut cake made in the shape of a Easter rabbit. It should be a relatively quiet day.

In order to remind myself of how we and our six children spent our Easter season fifteen years ago, when they were two years to seventeen years old and all at home, I got my diary out of the table drawer.

It wasn't necessarily the happiest of times. There were so many of us with so many interests that at times things got quite hectic. It seemed that someone always had a sore throat or a fever that necessitated a visit to the doctor.

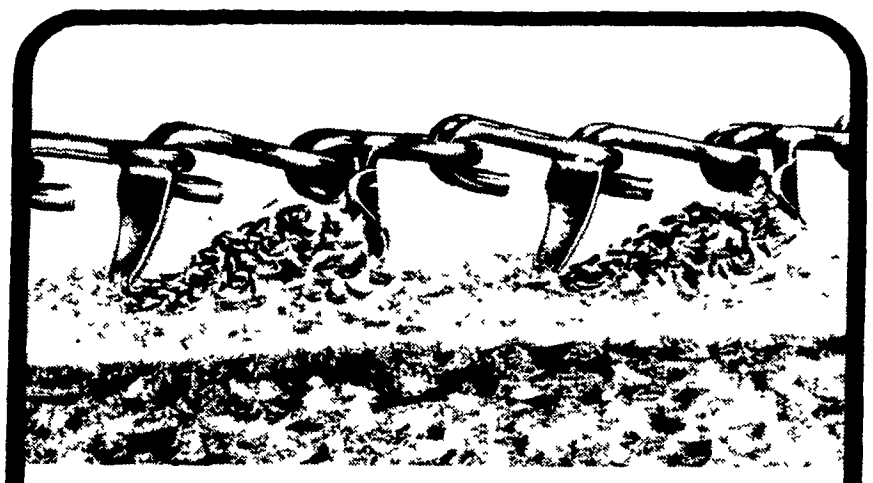
As my husband had an infected finger at the time, the older boys were doing some of the milking and plowing. One of them upset the tractor and locked the engine but was not hurt—we were lucky.

At that time all the manure was loaded by hand and they were lucky to get five loads spread in a day. But now, over a decade later, we load it with a scoop from the slotted-dam holding area and put 20 or 30 load on the fields in a day.

I had all the milking equipment to wash by hand and the boys were digging a hole with shovels for a 500-gallon underground gasoline tank. With all that they still found time to go trout fishing, sell nightcrawlers and do baby sitting. The twelve-year-old boy baked angel food cake and a jelly roll for us as he enjoyed doing that.

Our 30-month-old girl was learning to read and kept pestering us to listen to the 50 new words she had just learned. The middle girl was taking flute lessons and leading her 4-H calf, while the oldest had a very busy schedule. She tutored students all over the county in math and languages and also worked part time at a drive-in restaurant during her senior year in high school.

Some food prices that I noted in my diary were: 10 loaves of bread for $1.85, 20 lb. of shad at .09 cents per lb., and 8 dozen eggs for $2.00. I knew where to buy cheap food as it took a lot to grow the children to their present stature of over 6 feet. And so amid the working, playing and bickering, they grew up and now are able to live independently.



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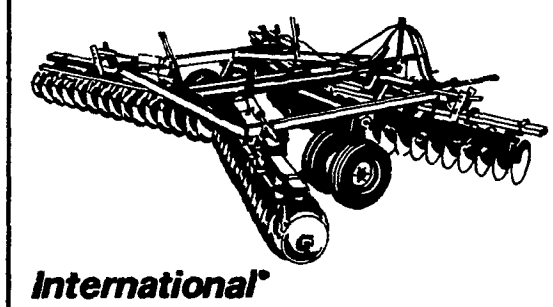

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Apple promoters win awards

HARRISBURG — Supermarket produce managers, store buyers and store owners were honored at the recent National Apple Month Awards Luncheons held in Pittsburgh and Harrisburg.

National Apple Month Greenthumber Awards and state awards for marketing excellence in advertising and merchandising apples and apple products were presented during the luncheons, sponsored by the Pennsylvania Apple Marketing Board and National Apple Month, Inc.

The promotions were conducted for two weeks or longer during October 1981 according to Larry Wright, Marketing Representative for the Board. Judging was based on the best overall job of advertising, public relations and merchandising conducted by the participating companies, as evidenced in their reports.

Guest speakers included Fred Corey, director of Market Development for International Apple Institute; Marcia Hajduk, Dutch Pantry, Inc; Bill Bradley, Greenthumb Produce Company; Wilbur Siegrist, Bomberger's of Elm; John Rice, Rice Fruit Company; George Peters, Mt. Orchard Co-op; and Norm Datt of Treesdale Farms.

Glenn Shaw, chairman of the Apple Marketing Board and Robert Andrews, vice chairman, presented National and Regional Awards to the following stores: Giant Food Stores of Carlisle was awarded fourth National honors and second Mid-Atlantic and Southeast regional honors for chains of fewer than 50 stores. Karns Foods of Mechanicsburg placed third regionally in the same category.

P.A. & S. Small Company of York, received first regional and second national honors among co-op chains of 50 or more stores.

Associated Wholesalers of York won fourth honors nationally and second regional honors for co-op chains of 50 or more stores. Golden Dawn Foods of Sharon won third regional honors and Greenthumb Produce (Fox Grocery Co.) of Belle Vernon, received fourth regional honors in the same category.

Bomberger's of Elm, won first regional honors for single independent stores with Baker's Food Market, Chambersburg receiving second regional honors and Stumpf's Market, Pittsburgh winning fourth.

Robert Andrews presented certificates of marketing excellence to Tammy Zenkovich, White Front Super Dollar; Beverly Brooks, Connellsville Super Dollar; Cindy Paskorz, Cheswick IGA Super Dollar; Margie Frydrych, Walt, Golden Dawn, Mercer; and Dean Wallace, Nate and Ralphs, New Castle.

Glenn Shaw presented similar certificates to Carrie Orner, Karns Foods; John Swenson, Karns Foods; Wilbur Siegrist, Bomberger's; Vernon Baker, Baker's Food Market, Richard Eby, Eby's General Store, Martindale; Elmer Zimmerman, W. C. Zimmerman and Sons, Intercourse and Paul Fox, Warehouse Food Mart.

Wilbur Siegrist, right, receives the first place National award from Glenn Shaw, chairman of the Apple Marketing Board. Wilbur is manager of Bomberger's of Elm, Lancaster Co.

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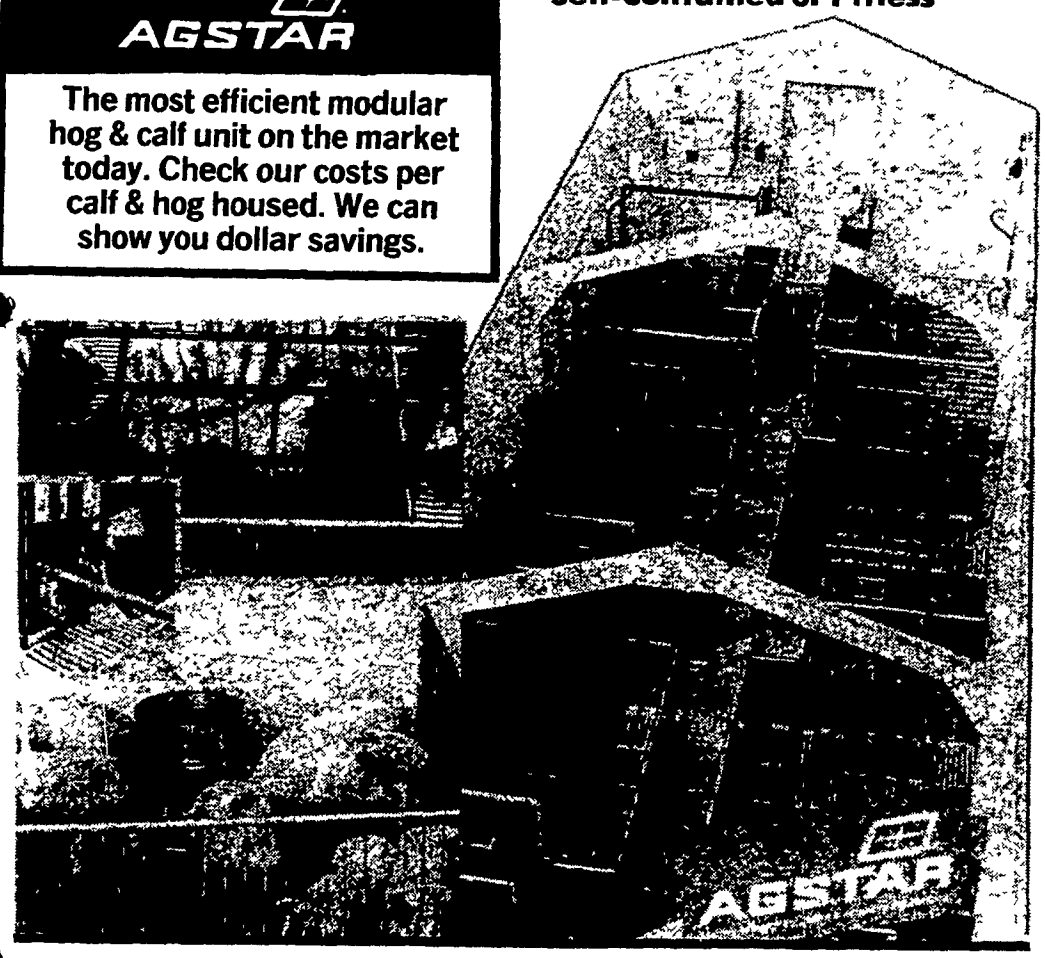

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Soil "air vents" reduce erosion

UNIVERSITY PARK — Bury pipe in fields to bleed off air?

Sounds crazy. But venting soil air promotes water retention and reduced erosion, increases local groundwater recharge, and boosts crop growth, says agricultural engineer Albert R. Jarrett, who explores with J.R. Hoover of the USDA's Northeast Watershed Research Center the interaction of rainfall and soil air pressure.

In Jarrett's laboratory, tended by graduate student Jeffrey Suhr, five trays about 3 feet long and 12 inches wide and deep grow lush with grass. All trays have small plastic drain tubes in the soil bottom; several have plugged tubes.

When water pours over the slightly sloping turf, three to nine times as much soil erodes from the surface of the plugged-tube box as from the open-tube one. Grass one the plugged-tube tray is thinner and less healthy in appearance. air pressure keeps water from the roots.

Jarrett and Suhr await analysis of the final data, but they expect it to bear our their theories of soil air pressure as a factor in erosion and crop growth.

"In the Northeast, only about two to four hard rains each year would cause the kinds of soil air pressures and runoff that lead to heavy erosion," says Jarrett. "Whenever water ponds on the surface, soil air pressure works against seepage. Our figures show that soil might absorb a half inch of water in a slow, steady rain where soil air won't be trapped, but only about a quarter inch in a thunderstorm."

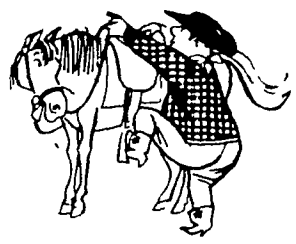
Former graduate student Bill Elliott and Jarrett looked at 14 methods of soil air venting. Vertical mulching, by a chisel plow tilling a 10-inch-deep slot propped open with corn fodder, worked best.

"Few tillage venting methods work well," explains Jarrett, "and they aren't permanent. Pipe drilled full of holes and set vertically in the soil works best, but that's not practical. We're trying to determine the optimum depth and patterns for buried pipe."

Jarrett, Hoover, and their students have examined soil air venting for the past six years. Some of Jarrett's theories are extensions of the work of Wischmeier of Purdue, and he mentions Dixon at Arizona State who has studied soil air movements in flooded fields.

"We routinely bury pipe to drain water from swampy fields," says Jarrett. "Maybe pipe installations to vent air and retain water will someday be as useful."

SADDLE UP!



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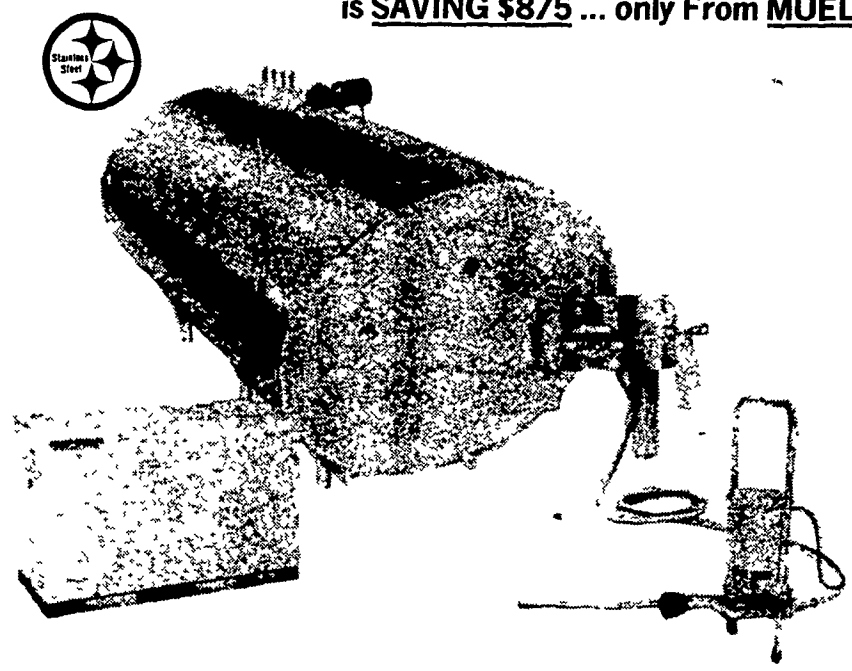

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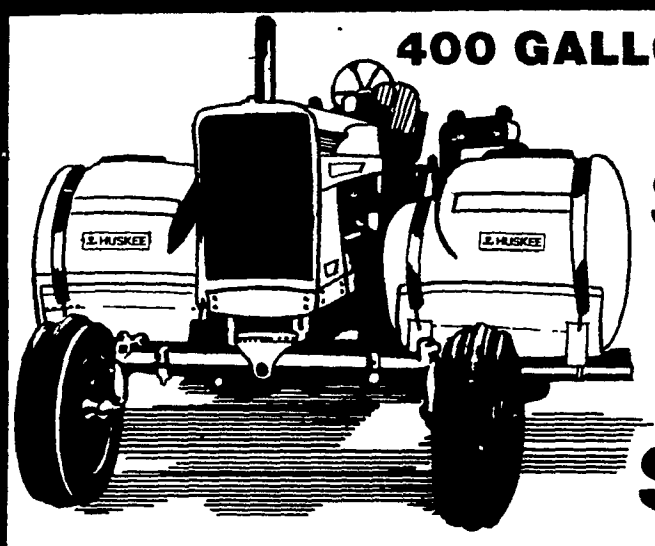

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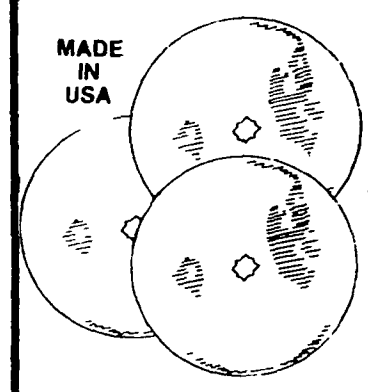

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STOCK#	DESCRIPTION	SIZE	NOW	STOCK#	DESCRIPTION	SIZE	NOW
10 10008	16x11 Ga Plain	7/8" Sq x1R	7.29	10 10147	20x7 Ga Plain	1 1/8 x1¼"	15.49
10 10016	16x11 Ga Plain	7/8"x1" Sq	7.29	10 10197	20x7 Ga Plain	1 1/8"x1¼"	15.99
10 10040	16x11 Ga Plain	1"x1 1/8"	7.29	10 10171	20x9 Ga Plain	1 x1 1/8	12.29
10 10105	18x9 Ga Plain	1 'x1 1/8'	10.29	10 10163	20x9 Ga Notch	1' x1 1/8	12.49
10 10058	18x9 Ga Plain	1 1/8"x1¼"	10.29	10-10155	20x9 Ga Kraus	1½" RD	12.29
10 10032	18x9 Ga Notch	1 1/8"x1¼"	10.29	10 10260	22x7 Ga IHC Plain	1' x1 1/8'	19.49
10 10074	18x11 Ga Plain	1 'x1 1/8	7.99	10 10278	22x7 Ga IHC Notch	1"x1 1/8"	20.49
10 10090	18x11 Ga Notch	1 x1 1/8	9.29	10 10210	22x7 Ga Plain	1 1/8"x1¼"	19.49
10 10252	20x7 Ga IHC Notch	1 x1 1/8'	15.99	10 10228	22x7 Ga Notch	1 1/8"x1¼ '	20.49
10 10244	20x7 Ga IHC-Plain	1"x1 1/8"	15.99	10 10391	24x¼ Notch	1 1/8"x1¼"	32.99
10 10189	20x7 Ga Notch	1 1/8"x1¼"	15.99	10 10383	24x¼ Plain	1 1/8"x1¼"	33.99

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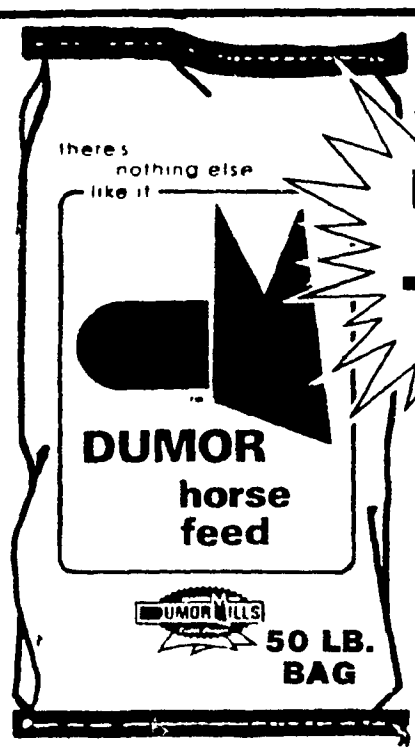

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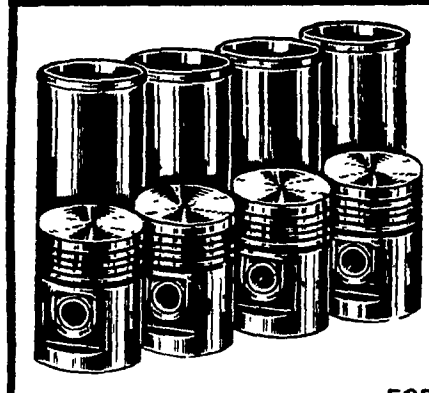

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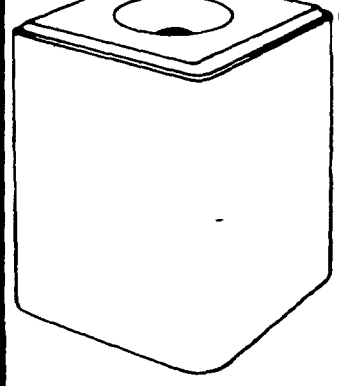

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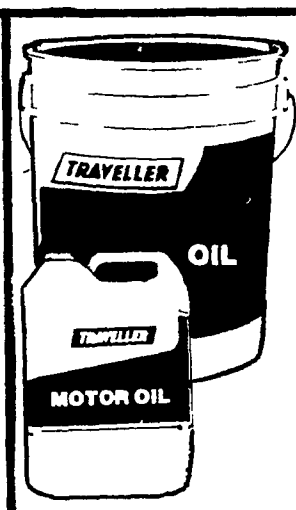

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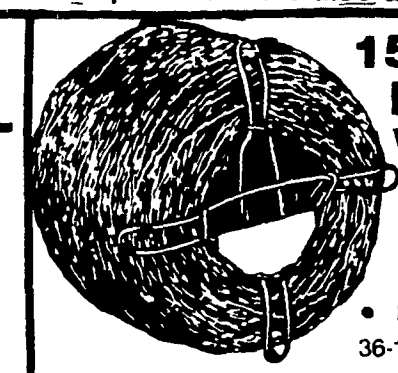

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Huntingdon soils info computer coded

UNIVERSITY PARK — Two Penn State scientists say the computer is the best tool for getting information about soils to planners, farmers, engineers, foresters, and anyone else who needs to know if a certain soil fits a specifice use.

Bob Cunningham and Gary Petersen have completed a pilot project for Huntingdon County. They computer-coded four kinds of information: field data on local soils, mapped by the U.S. Soil Conservation Service; the soils' physical, chemical, and mineralogical properties, determined at Penn State; SCS interpretations of the soils' suitability for various uses; and the exact location of each soil.

"Suppose you want to know which areas are suitable for septic tank absorption fields," says Petersen. "We can display these sites on a color TV screen linked to the computer. Or maybe you want the depth to bedrock, or the percent of land in steep slopes, or the number of acres suitable for growing corn. We can pull out exactly the information you ask for, and no other We can make you a custom map in a matter of minutes."

The scientists stress that only the Huntingdon County data have been coded. Similar information is available for the rest of the state, but it's scattered throughout SCS maps, county soil surveys, and reports of Penn State's soil characterization lab.

Says Cunningham, "To make our system statewide, we would need to code every soil-type location — every 5-, 10-, or 100-acre patch in every hollow, valley, or mountain where an SCS fieldworker stuck and auger or a shovel in the soil."

Says Petersen, "Maps on paper become obsolete. Maps in the computer can be up-dated to show building development, changes in land-use patterns, or forest succession."

"In 10 years," adds Cunningham, "every land-use planner and every county extension agent in Pennsylvania could have a microcomputer with a special data package for his or her county. Then, anyone who needed a custom soil map could get one.

Agricultural administrators from the University of Maryland and a representative of the Farm and Land Institute hand-delivered a recognition plaque recently to Mrs. Pauline R. Seidenspinner in her home at College Heights Estates, Prince Georges County; Participating in the informal ceremony were: from left, Billy V. Lessley, professor of agricultural and resource economics; Frank L. Bentz, Jr., vice president for agricultural affairs and legislative relations; Mrs. Seidenspinner; and Royd R. Smith of Frederick, past president of Maryland FLI chapter 32. Smith presented the plaque to Mrs. Seidenspinner as "a testimonial of sincere appreciation for outstanding service and contribution to the real estate profession." Mrs. Seidenspinner and the FLI chapter are annual contributors to a scholarship for students in agricultural economics at the University of Maryland.

Limousin Foundation sponsors performance symposium

DENVER, Col — In an effort to help breeders optimize beef production, the North American Limousin Foundation is sponsoring 'Direction '82,'' a performance symposium to be held in Wichita, Kan July 29-31.

In addition to the Limousin Breeders Performance Symposium, the 1982 National Junior Limousin Convention and Heifer Show will be held at the same time According to Greg Martin, NALF executive vice president, the two events will provide cattlemen with an opportunity to relate performance records with visual appraisal, both important in total beef production.

The four-day symposium will allow cattlemen to hear beef industry experts address performance testing, linear measurements, breeding values and use of personal computers in record keeping In addition, breeders will learn how to better market their cattle with performance records and how visual appraisal and performance data compliment each other

According to Martin, competition in the beef industry will lead all cattlemen to become more performance oriented.

"Commercial cattlemen must have cattle which grow quickly and efficiently yet don't have reproductive and calving problems," he says. "Direction '82' will bring together the best and most knowledgeable researchers and cattle producers in the United States to help cattlemen plot their breeding program's direction for years to come"

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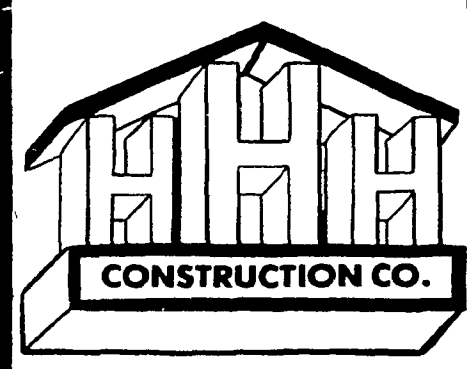

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Agency helps farmers save energy, money

LEESPORT — Want to find out where you can save energy and money on the farm?

The Pennsylvania Energy Centers, located in 10 regions throughout the state, are "gearing up" to provide this free advisory service to farmers under a federally-funded program.

According to Ed Mazur, a member of the Region 2 Energy Efficiency team, this type of energy-saving advice has been available for small businesses in Pennsylvania since last June. He pointed out, however, that the agricultural portion is "just swinging into gear."

Of all the regions within Pennsylvania, Mazur claims the Berks region has "done the most" in the agricultural energy-saving area." To date, they have provided assistance on 5 farms — 3 dairy and 2 swine operations.

What does the Energy Efficiency team look for in making recommendations to farmers on how to save energy and money?

According to Mazur, the team "looks for places where energy can be saved through proper maintenance, ventilation, lighting, water heating, grain drying, and milk cooling."

"We may suggest new procedures to the farmer, like using well water to cool milk," explains Mazur, pointing out that farm visits usually last about 1 hour and consist of a walking tour of the farm.

After the trip around the farm, each farmer is provided with a personalized analysis on where and how energy can be saved, says Mazur. Farmers receive percentages on how much energy can be saved rather than monetary figures as is done with other small businesses.

Recalling the advice he shared with one dairy farmer, Mazur says he suggested a small change in operation that could save the farmer 15 percent on his electric bill.

"I advised him to preheat the cold water before running it into the water heater by circulating it through a copper coil in the milk vat," he recounts. "The cold water not only will be preheated, but it will help to lower the milk's temperature in the tank by a couple degrees."

The cost of this energy-saving idea, notes Mazur, would be about $35 to $40. The expense, he says, would be incurred for the pipe needed to reroute the water. In this case, the farmer already had a copper coil, avoiding that additional cost.

During the farm visit, Mazur suggested this same farmer insulate his water heater and also lower the temperature of the water to the minimum for a dairy operation. For a cost of about $15 for the insulation, the farmer could realize a savings of about 5 percent, Mazur claims.

Another area where energy can be easily saved, adds Mazur, is ventilation. He recalls how one particular dairy farmer was losing cooled area through the space around the fans.

"In the summer time, cool air would escape back through the spaces instead of flowing into the barn," he explained. "We suggested the farmer seal the space around the fan and also make better use of natural ventilation, thereby reducing energy costs."

Other energy-saving tips the efficiency team might suggest include: maintaining farm machinery with regular tune-ups and lubrication to help save gas; using wheel weights only when necessary and removing them from tractors at other times; and regular cleaning of belts, fans and radiators.

"I saw one tractor that had about a foot of dirt on the radiator," observed Mazur.

Although most of their work is done with existing facilities, Mazur said the Energy Team can put farmers in touch with contractors and sale personnel who have technical specifications on energy efficient buildings. "We make sure the farmer isn't getting a bum steer," he said.

The nicest part about all this advice is that it's all free of charge. Unfortunately, not all the regional offices are staffed with farm experts and are not as experienced in making on-farm visits as the Berks office.

According to Bradley Smith who heads the Region 6 office of the Pennsylvania Energy Center, covering Perry, Dauphin, Lebanon, Lancaster, Cumberland, Adams, and York counties, his office has not been visiting farms because of the lack of expertise.

"I've recommended to our state office that energy saving information should be given out through workshops and training sessions rather than trying to get into every aspect of the farm operation," he says. "We haven't done anything on individual farms because it's just too complicated and we can't find qualified people to do the job for the money we could pay them. Basically, our staff is made up of engineering students."

To emphasize his "too complicated" sentiments, Smith explains that his staff can complete 10 small business surveys in the time it would take to do one farm. "To give you an idea, the small business survey contains two worksheets, whereas the farm survey has 40."

Smith tells how the complexity of

(Turn to Page B36)

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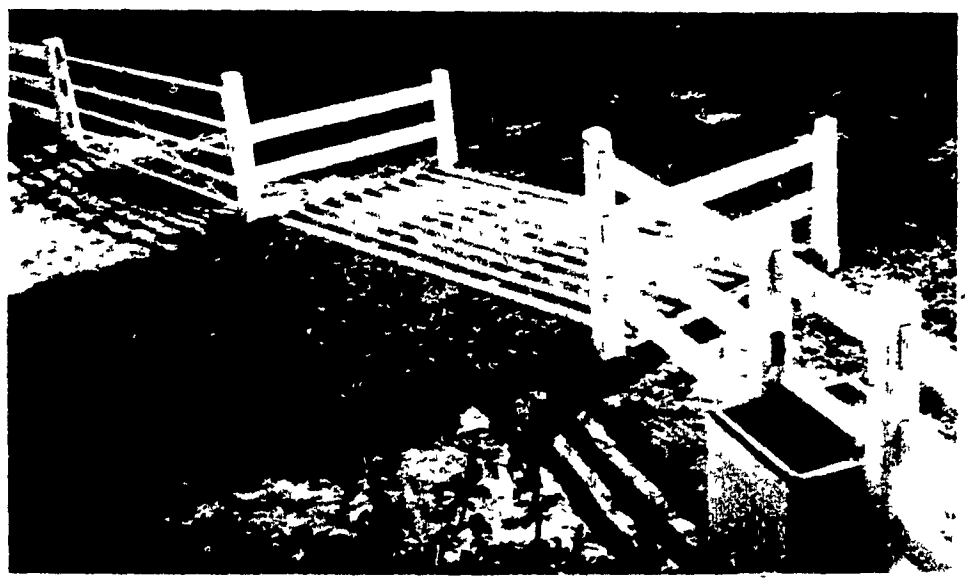

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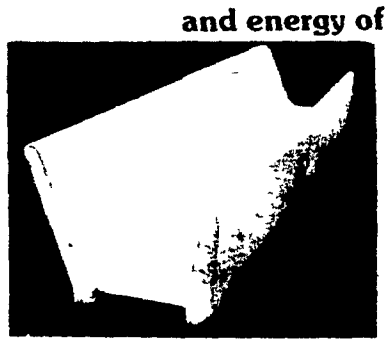

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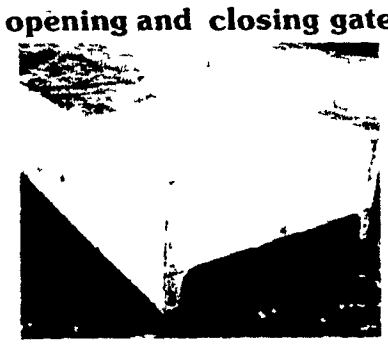

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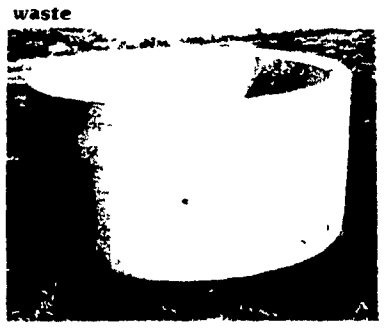

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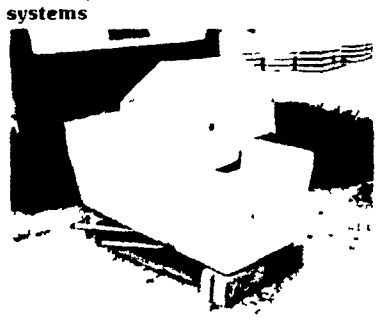

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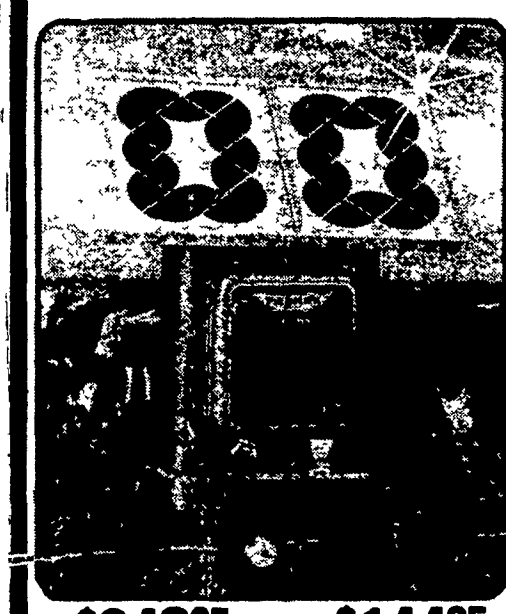

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Dairymen, Inc. supports Pa. referendum

BALTIIMORE, MD. — At its March meeting, the Dairymen, Inc. corporate board voted to support the Pennsylvania Milk Marketing Program and is encouraging members to actively support the issue.

At a hearing in Lancaster, R.L. Strock, Middle Atlantic Division Manager said, "We support the concept of generic advertising as is evidenced by the contribution of funds for advertising, promotion and nutritional education by every member of our cooperative."

Strock also noted that three of the 17 states in which Dairymen operates already have state-wide advertising programs.

"It works there, so I see no reason why we could not also operate that way in Pennsylvania," he said. He added that if the program is approved Dairymen will write a check each month payable to the Pennsylvania Department of Agriculture in an amount equal to 10 cents per hundred pounds for all milk marketed by Dairymen's Pennsylvania members.

In the Dairymen system, advertising and promotion is a budgeted marketing expense which comes out of the total proceeds from marketing like any other marketing expense. Thus Dairymen's Pennsylvania members will support advertising and promotion, including nutritional education, at exactly the same rate as any other Dairymen member whether he or she is located in Georgia, Kentucky or any one of the other 15 states in which there are members of Dairymen.

Until now, Dairymen had withheld its official position pending clarification of several issues of concern about the proposal. Any producer whose religious or moral convictions are in opposition to advertising and promotion, may, for example, designate his funds for educational purposes only.

Also, it is the feeling of the cooperative's leaders that the money from milk produced in Pennsylvania but marketed in another area should be spent in the area where it is marketed. There was also some concern regarding representation on the Milk Marketing Advisory Board.

Dairymen, Inc. will be bloc voting in favor of the referendum. This means that a "yes" vote will be cast for its Pennsylvania members. Any Pennsylvania member wishing to vote against the issue may do so by returning the official Pennsylvania Department of Agriculture ballot marked accordingly. Any individual negative votes cast will be subtracted from the affirmative bloc-vote cast by the cooperative.

Pa. to receive $800,000-plus in Nat'l Forest revenues

WASHINGTON, D.C. — Almost $205 million will be divided among 43 states and Puerto Rico as their shares of 1982 national forest system receipts.

R. Max Peterson, chief of USDA's Forest Service, said 25 percent of the total revenues collected for timber sales, grazing permits, recreation fees, mineral leases and land use charges on the 191 million acres of national forests, national grasslands and land utilization projects in 1982, will be returned to the states where the Forest Service-administered lands are located.

The funds will be used for public schools and roads.

Peterson said advance estimates of the state payments are being made now to help in local budget planning, explaining that, "The payments will be based on actual receipts collected, and may vary from the estimates announced today."

Interim payments of state shares of national forest receipts will be made in October 1982, Peterson said.

The states' shares of the national grassland and land utilization project receipts, based on revenues collected during calendar year 1982, will be paid in March 1983.

Pa. will receive an estimated $875,750.

Agency helps farmers

(Continued from Page B35)

the survey spoiled his plans to have local vocational agriculture students complete the forms. "We conducted a workshop with their teachers, but they said it would take the students at least a year to learn how to complete the checklist," Smith recalls.

So, rather than conduct on-farm surveys, Smith says his office held four informational workshops in 1981, providing 67 farmers with tips on how to manage their energy and become self-sufficient. Another 32 farmers wrote or called the office for information, and the P.E.C. office set up exhibits at local fairs.

Smith encourages farmers to contact his office and request a copy of the energy-savers worksheet both for the farm and home. "Farmers can actually run down the checklist themselves," he adds.

To contact Smith, farmers can write to him in care of Region 6, Pa. Energy Center, Shippensburg State College, Box 245, Shippensburg, PA 17257; or call toll-free 1-800/692-7312.

Berks farmers should contact Paul Schwartz at the Berks County Office of Energy Management, Agricultural Center, R1 Leesport, PA, 19533; telephone 215/373-2286. Other PEC offices are listed in the telephone directories.—SM

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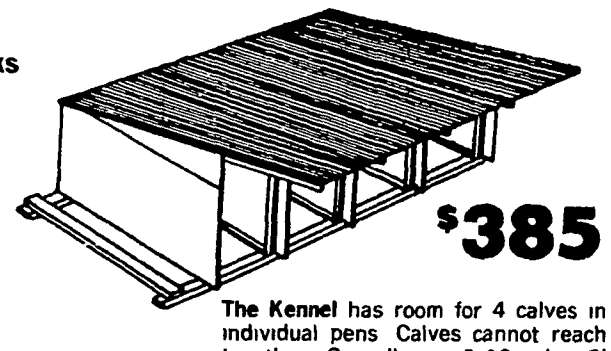

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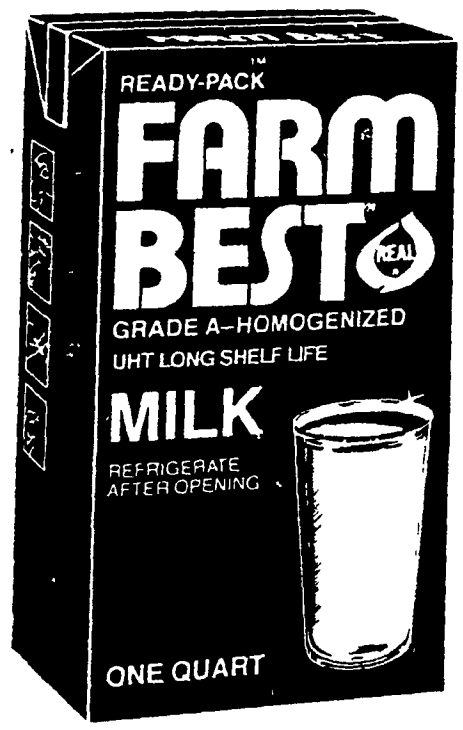
Dairymen's new milk makes national debut

KNOXVILLE — The national announcement of the name and package design of Dairymen's new unrefrigerated milk was made this week in Knoxville.

The "Farm Best" name and the milk's innovative packaging were unveiled by Dairymen's vice president of market development, J. Lawrence Johnson, at a press conference overlooking the 1982 World's Fair grounds.

"After months of research, we selected Farm Best as our product's name," said Johnson, "because it represents what our milk is: fresh Grade A fluid milk. It's the same milk consumers are used to drinking in new package."

The package, a rectangular carton, is called a Ready-Pack.



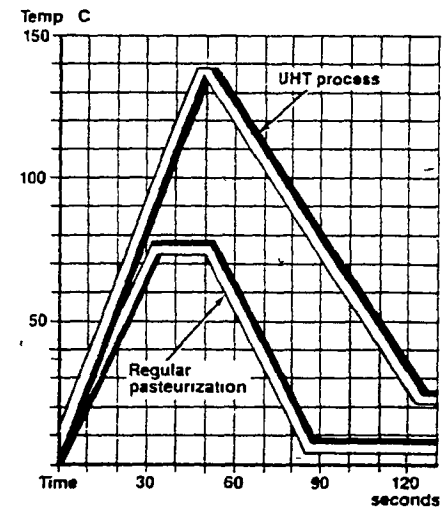
The Ready-Pack, combined with special processing that retains the milk's flavor and freshness, give the milk a shelf life of up to three months. There are no preservatives in Farm Best.

The Ready-Pack is made of five layers including three of plastic, one of aluminum foil and one of paper.

The unrefrigerated milk is being hailed as a major dairy product innovation. For the first time, it makes milk convenient for consumers to store.

The Fair's vice president of corporate involvement, George Siler, took part in the press conference and heralded the new product as being representative of the unique and unusual slated for presentation at the Fair.

"We are proud Dairymen has chosen to unveil Farm Best at the Fair," he commented.



Farm Best is available in white milk (whole and lowfat) lowfat chocolate in quarts; and in a variety of five lowfat flavor in half-pint packages called Sip Ups.

When the Fair opens May 1, fairgoers will be the first to sample the new milk which will be available at the Dairymen exhibit. The exhibit, covering 3,000 square feet, is in the Technology and Lifestyle Center.

Johnson also unveiled Dairymen's plans for the exhibit, which will have as its focal point a theater with continuous stage shows. The shows will be performed by five animated life-like computerized robots and will include and audio-visual presentation.

Dairymen is the official supplier of the Fair's milk, ice cream and other dairy products. The new unrefrigerated milk will be processed and packaged in a plant under construction in Savannah, Georgia. Completion date for the plant is scheduled for April 1.

A regional milk marketing cooperative, Dairymen was founded in 1968 and is headquartered in Louisville, Kentucky. It is owned and operated by approximately 8,000 dairy farmer-members, who live in 17 eastern and southeastern states.

What is Grade A UHT processed milk?

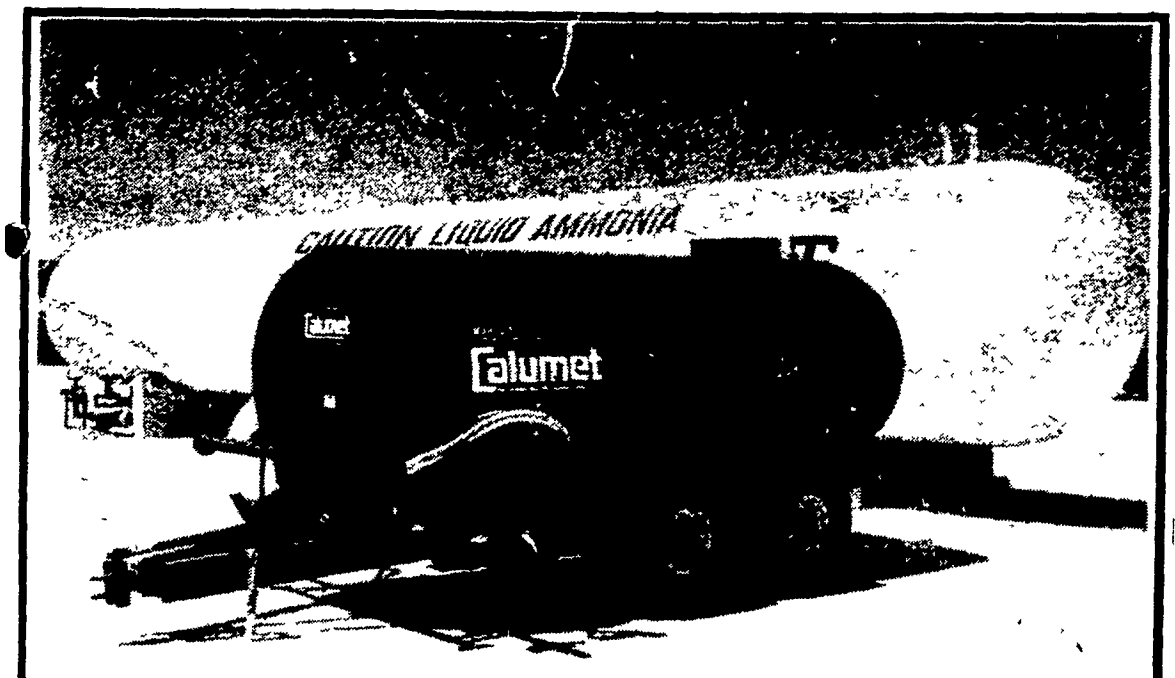
UHT processed milk is long life milk that does not need refigeration. It is...

—Grade A milk processed in a Grade A plant
—Heated to about 280 degrees F (138 degrees C) for a few seconds
—Cooled to about 70 degrees F (20 degrees C)
—Handled aseptically (without bacterial contamination)
—Put into hermetically sealable packages (protects against light, air and entry of bacteria)
—Can be stored without refrigeration up to 3 months.

What are some of the advantages of UHT processed milk?

UHT processed milk is convenient, portable, guaranteed in quality and can be taken wherever people want it. Some advantages of this new product are...

—Guaranteed quality
—Convenient - once a week shopping
—Energy saver
—Can be stored without refrigeration
—Less risk of running out of milk
—Available in a variety of flavors (nutritional snack)
—Easy to stack and store
—Uses refrigerator space efficiently (milk cooled as needed)
—Ideal for vending machines and self-serve markets
—Convenient and adaptable to food service markets - schools, nursing homes, institutions, etc.



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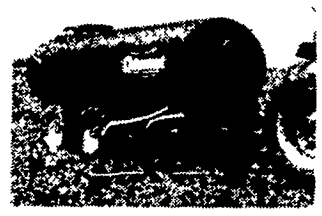

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Jepsen calls for Senate approval of SCS chief

WASHINGTON, D.C. — Citing concerns in recent weeks that have appeared to have shaken the faith in the U.S. Department of Agriculture's conservation policy, U.S. Senator Roger Jepsen (R-Iowa) last Wednesday called on Secretary John Block to "clear up the confusion" on the direction of the nation's conservation policy and programs.

In opening a hearing on the Administration's proposed soil and water conservation programs, Jepsen said he wondered whether the direction now is toward a stronger conservation policy or a replacement of "Conservation realities with political sensitivities."

While Block has repeatedly listed soil conservation as a top priority, the "federal budget priorities would suggest otherwise," the Iowa Republican said.

"I hope the secretary will be able to clear up ... the justification for a budget request that is 10 percent below the current levels — one that shows decreases in several major soil conservation service programs," Jepsen, who is chairman of the Senate Soil Conservation Subcommittee, said.

"I am concerned over a budget that terminates the Resources Conservation and Development program despite congressional action last year giving it permanent status," Jepsen said.

He also questioned the effect of drastic cuts in the Agricultural Conservation Program which Jepsen said was "designed to encourage farmers to practice soil conservation measures."

Referring to the recent appointment of Missouri farmer Peter C. Myers as chief of the Soil Conservation Service. Jepsen said, "I recognize the secretary has had the best of intentions, but whether he knows it or not, he has opened a pandora's box.

"It would seem that this is an inopportune time to go outside the professional ranks when we are in the first stages of redirecting this nation's entire conservation thrust," he said.

Jepsen expressed his concern "over the prospect of an every-four-year shuffle in that top position" and the resultant "loss of continuity" in conservation policies.

"I do not like that position being subject to prevailing political winds," he said. "I would not want the S.C.S.'s professional excellence and credibility to be undermined."

The senator said he feared this would be a step towards making the SCS's state and local structures "more political in nature" in the future. He asked the secretary for assurances "that this is not the way SCS is going."

Jepsen announced his plans to introduce legislation to require individuals named to head the SCS and the Forest Service to be subject to Senate confirmation. The individual would have to be qualified on the basis of scientific education and professional background.

Referring to proposed federal budget cuts in conservation programs, Jepsen warned that "soil erosion efforts are not an isolated issue to be handed over to the state and local governments with the admonition 'take care of it.'"

He said "as long as soil erosion is an issue affecting everyone in the world who has to put food on the table, the federal government must be involved."

Pennsylvanians oppose Block's preferred conservation program, survey reveals

HARRISBURG — Pennsylvanians supported one of three alternative soil and water conservation programs proposed for the U.S. Department of Agriculture by Secretary of Agriculture John Block. They also backed 14 of 20 features in the Secretary's preferred program, according to a report released by USDA officials.

Graham T. Munkittrick state conservationist, USDA Soil Conservation Service, said that 2,291 individuals and 71 groups submitted comments on the proposed programs.

Of the three alternative programs, continuing present programs was supported by 60.3 percent. The proposal to redirect Federal conservation programs was opposed by 52.7 percent. Overall, the Secretary's preferred program had the greatest opposition with 56.3 percent voicing their disagreement.

Several key features were supported. The idea of targeting more of the funds to the areas with the greatest soil and water problems received 61.5 percent backing; however, many respondents questioned whether the Northeast would receive a smaller share of the conservation dollars.

Requiring Farmers Home Administration borrowers to have a conservation plan to be eligible for loans—a form of cross-compliance—had 59.3 percent support. Greatest support was given to the increased use of cost-effective practices such as conservation tillage and no-till, and to minimizing conflicts between USDA conservation programs.

Other features that were supported included establishing clear national conservation policies, strengthening the partnership between land users and the Federal government, closer coordination between USDA agencies, use of tax incentives to encourage application of soil conservation measures, increasing USDA research on soil and water, setting up pilot programs to test new methods, strengthening and increasing data collection and evaluation, expanding the use of long-term agreements between USDA and farmers to conserve natural resources.

Among the features of the preferred program that drew opposition were several key items. Providing block grants from existing soil conservation program funds drew the greatest opposition with 78.7 percent against. Another series of features that lacked support was local, state and federal boards to carry out the new programs. Opposing varied at each level but averaged around 60 percent.

Munkittrick reported these responses have been forwarded to Washington, D.C., offices of USDA where the reports from 50 states and Puerto Rico will be summarized a national report submitted to Secretary Block.

Seventy-one groups and units of government responded. These included 40 conservation districts, one federal agency, 8 units of state government, 13 local governments, 6 farm organizations, 2 environmental groups, and 1 academic institution.

The public responses will also be summarized by counties. This information will be available about mid-June, added Munkittrick.

N.J. dairy team places first

FLEMINGTON, N.J. — Hunterdon County's 4-H program has more than one bowl team which has made a name for itself in the past few months. The 4-H Horse Bowl Team captured first place honors in February's state competition. Now the 4-H Dairy Bowl Team has clinched a state title.

The team of Tom Hoffman of Califon, Tom González, team captain, and Jeff Nelson of Pittstown and Janet Rogers of Ringoes placed first in the 1982 State 4-H Dairy Bowl Competition. Alternate was Ted Hildebrandt of Oldwick.

This annual contest was held at Cook College in late March. A total of four teams competed: Hunterdon, Sussex, Somerset and Salem-Cumerland counties.

Questions through all three phases of the contest dealt with facts about the dairy industry.

Coaches for Hunterdon's team included Mark Douglass of Pittstown and Sandy Rogers of Ringoes. The team is now eligible to compete at the national competition to be held in Louisville, Kentucky sometime this fall. The team will work on raising funds for this trip in the near future.

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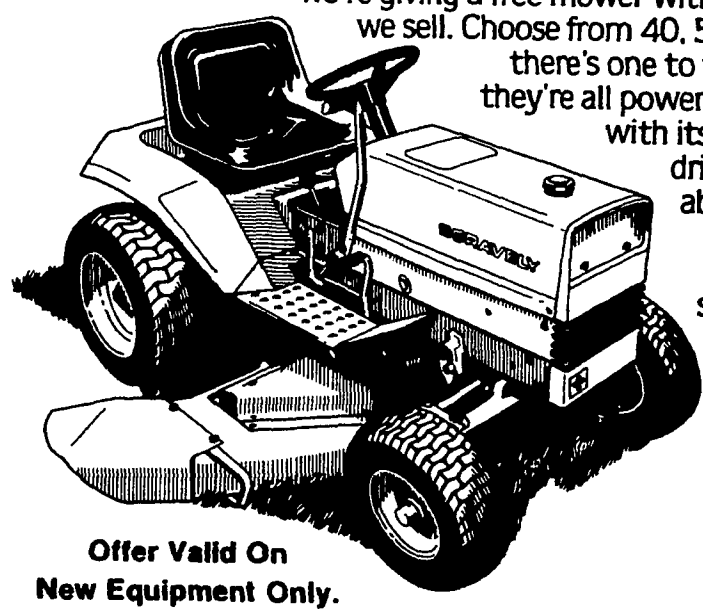

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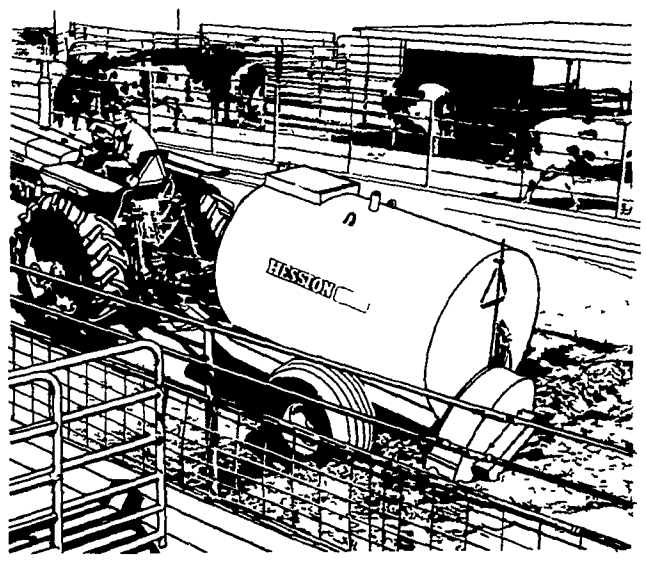

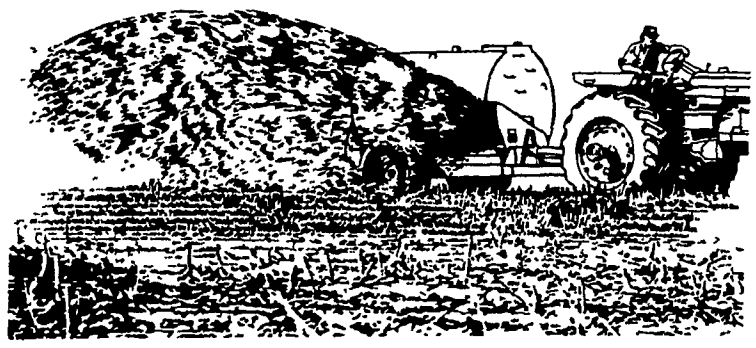

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Tioga County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

February 1982

Herds in the Tioga County D H I A in February 1982 which produced a rolling herd average of 750 lbs of above

OWNER	BRD	NO COWS	DAYS MILK	LBS MILK	LBS FAT
Glenn Bowen	3	38 4	86 0	18,972	755
C & Doris Porter	B3	46 2	89 5	19,847	736
Verne W Bowen	3	40 3	88 7	19,480	733
L&J Holsteins	3	39 3	87 8	17,552	704
Larry & Mary Herman	3	46 2	89 2	18,995	698
Paul & Emma Machmer	B3	26 0	86 2	18,431	698
G & Roy Schanbacher	3	52 3	89 7	17,413	636
Thomas Groover	B3	29 1	90 8	18,805	682
Richard Groover	3	39 0	86 6	18,050	682
Charles Kent	B3	36 4	82 0	18,981	666
Theodore Schmelzle	3	47 5	87 3	18,148	666
Bernard G Courtney	B3	109 7	88 3	18,412	663
Jay Foreman	3	76 5	86 5	16,659	662
Clark Bowen & Son	3	45 8	86 4	17,398	662
War-Bern Farm	3	86 3	89 4	18,258	659
Dale E Allen	B3	66 9	88 5	17,493	658
James Bradshaw	B3	46 3	88 0	17,533	656
Neil & Karen Fisher	B3	61 2	85 6	17,784	654
Charles D Groover	3	14 4	87 1	17,813	653

Cows that produced 750 lbs of butterfat or more in 305 days in February 1982 in the Tioga County D H I A

OWNER NAME OR NO	AGE	DAYS IN MILK	LBS. MILK	LBS FAT	LBS FAT
Richard Chamberlain					
Beth	5 2	305	25,815	3 6	924
Wendy	5 2	305	22,025	3 6	787
Oren E Fuller					
#15	7 5	305	22,736	3 9	885
Charles & Doris Porter					
Vic	7 4	305	20,693	4 2	870
Betty	7-7	273	19,424	4 3	831
Dutches	10 6	305	17,793	4 5	795
Tim Webster					
Judy	7 8	305	22 565	3 7	841
Barry & Jane Hultz					
#31	6 5	305	19,790	4 2	829
Simalot Holsteins					
Dixie	4 4	305	20,943	3 9	814
Thomas R Bechtel					
#261	6 11	305	21,317	3 8	812
Clark Bowen & Son					
Nadine	3 4	296	20,828	3 9	807
Fran	10-5	305	18,506	4 2	769
W K & D W Lawton					
#302	6 1	305	21,359	3 8	801
William Chamberlain					
#192	4-6	305	21,835	3 7	797
Norman & Gary Jackson					
Flossie	7 7	305	21,751	3 7	797
Stanley & Karen Bates					
#74	4 3	299	22,722	3 5	794
Brenton Bailey					
Kit	4 1	305	21,181	3 7	790
Neil & Karen Fisher					
Sarah	3 3	305	19,896	3 9	780
Tom Bower					
#54	8 0	305	19,326	4 0	777
Roy Schanbacher					
Fran	3 11	305	17,942	4 3	776
Wm & Wendy Sturges					
Tina	5 4	300	19,355	4 0	772
Willys Hamilton					
#13	8 7	305	19,640	3 9	768
James Bradshaw					
#18	5 5	305	20,726	3 7	766
Marsha & David Lichty					
Bonnie	9 3	305	19,852	3 8	760
Windswept Dairy					
#21	8 9	305	17,451	4 4	760
Robert Stanley					
#88	6 5	305	17,438	4 4	760
War Bern Farm					
Gerri	4 7	305	19,652	3 9	759
Gordon M Wood #1					
Supreme	10 2	305	24 230	3 1	758
Robert L Miller					
#8	7 7	302	20,168	3 8	758
Dan Bower					
336	4 5	305	14,567	5 2	758
Galen & Dale Jackson					
Mary	5 7	305	16 938	4 5	754
Gerald Parker					
Scarlet	5 2	305	22,049	3 4	750

Production records for cows producing 650 lbs butterfat & over

OWNER NAME OR NO.	AGE AT CALVING	DAYS IN MILK	LBS MILK	LBS. FAT
Lycoming Co Inst Dist				
Barb	6 3	19,169	733	305
Samuel & Larry Fry				
Nerth	4-8	23,996	843	305
Lester M Poust				
Sugfros	11 2	22,996	939	305
Mega	6-10	18,178	755	305
Megan	3-2	17,305	790	287
Don & Scott Lepley				
Honey	6 11	22,287	893	305
Richard Barto				
Dode	10 6	22,518	904	305
Jan	5 3	24,865	947	305
Delta	4 0	22,480	816	305
Eugene Hall				
Marie	4-5	20,214	916	305
Marshall Bros Herd #1				
B130	7 6	19,784	977	305
B146	6 0	20,698	764	305
B120	5 6	19,167	790	305
B32	4-11	21,902	931	305
Richard J Daly				
18	7 9	17,614	751	305
Harold & Ann Mae Bower				
Laura	5 3	18,471	787	305
Dale F Cooley				
Pamello	3 1	22,588	825	305
Lost Brook Farm				
92	4 3	21,131	784	301
Aaron Ritter				
Angie	4 6	22,912	830	305
Karen	3 0	22,445	943	305
Franklin J Finck				
Gail	3 6	20,772	820	305

Lycoming County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

February 1982

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Eugene W Hall	R&GrH	67 3	91 2	19,754	790
Richard Barto	R&GrH	46 2	85 8	19,251	724
Lester M Poust	RH	61 0	91 0	17,538	713
John Snyder	RH	42 4	89 0	18,431	706
Marshall Bros Inc	RH	107 1	89 5	17,244	697
Sam & Larry Fry	RH	119 5	88 8	17,871	688
Ritter-Ridge Fm	RH	101 0	84 4	18,129	666
Aaron Ritter	R&GrH	36 6	83 6	17,569	665
Schon Crest Fms	R&GrH	41 3	88 7	17,294	657
Mont Will Farms	R&GrH	40 0	87 4	17,721	654
Frank J Finck	RH	79 5	90 2	16,973	654

Franklin offers no-till seeder

CHAMBERSBURG — "About 10 years ago, no-till corn planting was getting started in Franklin County and now no-till grain and hay seeding is getting started. We hope that no-till grain drills will become as popular and well used as no-till corn planters," reports John R. Akers, district conservationist with the Chambersburg office of the USDA Soil Conservation Service.

Many of the same guidelines apply for using a no-till grain drill as for using a no-till corn planter, such as planting in a crop residue, Akers comments. Proper timing in using pesticides is important to control weeds and insects, he adds.

"Grain and hay crops are more sensitive to herbicide residues left after corn has been planted," he cautions. "You really need to plan about two years ahead and apply the appropriate herbicides in the corn if you will be following up with a no-till grain or hay seeding. If lime is needed, this should be applied the previous year to the no-till grain or hay seeding since lime may activate unused herbicides."

Anyone interested in trying some no-till grain or hay seeding this spring without buying a no-till grain drill should contact the Franklin County Conservation District for information about renting one. The District is located at 550 Cleveland Avenue, Chambersburg, telephone 717-264-8074.

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USDA extends margarine comment period

WASHINGTON, D.C. — The U.S. Department of Agriculture has extended to May 28 the comment period for the proposal to change its standard on margarine and oleomargarine to make it more consistent with both international and Food and Drug Administration standards.

According to Donald L. Houston, administrator of USDA's Food Safety and Inspection Service, the National Association of Margarine Manufacturers requested an extension to allow additional time to study the proposal and submit comments.

The original deadline for comments was March 29.

The proposed standard would allow food processors to use a wider variety of substances in the manufacture of margarine and oleomargarine, Houston said. It also would specify that any future revisions in the FDA standard would be carefully studied by USDA and corresponding changes in the USDA standard considered.

Comments should be sent in duplicate to Regulations Office, FSIS Hearing Clerk, Rm. 2637-S, USDA, Washington, D.C. 20250.

Forest Service calls for volunteers

WASHINGTON, D.C. — Thousands of volunteers are needed to help maintain and improve America's 191 million acres of national forest system lands, R. Max Peterson, chief of the U.S. Department of Agriculture's Forest Service, said recently.

"In an effort to reduce operating costs without reducing services, we are asking people to use their time and talents to help the Forest Service continue to provide visitors with a rewarding experience," Peterson said.

"Volunteers also can help improve the environment and contribute to the wise use of our natural resources by assisting in our research and cooperative forestry programs."

Peterson said volunteers perform a wide range of duties such as trail construction and maintenance. They also serve as campground hosts, wilderness rangers, guides and lecturers, research assistants, tree planters and clerks.

"Since the passage of the Volunteers in the National Forests Act in 1972, the use of volunteers has played an increasingly important role in our work," Peterson said. "The number of Forest Service volunteers has increased by 700 percent since 1972. Last year, the work accomplished by 16,445 volunteers was valued at $8.3 million."

Although volunteers do not receive monetary pay for their work, Peterson said, there are other compensations which are even more important to many people.

"The work hours are flexible—volunteers can work on a full-time, part-time, or even one-time basis — the jobs are both interesting and educational, and they get a great deal of personal satisfaction in knowing they have helped make our world a little better place to live for all of us," he said.

Major qualifications for the volunteers are good health and a willingness to work, and people with special skills are particularly welcome. There's no maximum or minimum age, but a volunteer under age 18 needs written consent from a parent or guardian.

Volunteers are not federal employees, but they do receive legal protection as well as insurance for work-related injuries. In some cases, they can be compensated for travel, food and lodging expenses.

Entire organizations may volunteer, Peterson said. For instance, through the "Adopt-A-Trail" program, an organization can volunteer to maintain and improve a trail in the national forests.

Roads and wildlife habitats are among other national forest resources and facilities available for "adoption."

Persons interested in becoming a Forest Service volunteer should contact their nearest Forest Service office. Additional information on how to become a Forest Service volunteer also may be obtained by writing: Forest Service Volunteer, Box 37483, Washington, D.C. 20013.

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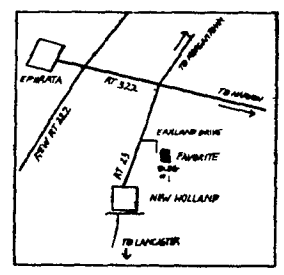


FAVORITE LIFESTYLE SYSTEMS

Farm gets energy from manure

COLUMBIA, Mo — Smack dab in the middle of Missouri is this farm that converts livestock manure into usable forms of energy.

It also gets a shot of energy from its "liquid fuel plant" which is, as of now, an alcohol still.

Some unconventional energy equipment—like an electric generator and an internal combustion engine fueled by bio-gas—provides the power that makes the energy farm systems go.

Built on the University of Missouri-Columbia's South Farms just last summer, the farm with its "integrated energy systems" is an important new research tool for those who want farmers to make the most of their energy resources.

"This is a research facility, so we are always studying ways to improve the farm's efficiency," said James Fischer, USDA agricultural engineer largely responsible for design of the integrated energy system.

"The aim of our research is to help make farmers more efficient at producing food," added Albert Garcia, UMC agricultural engineer involved in some of the farm's projects.

"We try for complete use of as many energy sources as possible," Garcia said. "These improvements in energy use will help make farming more profitable."

Said Fischer, "We want to use all the energy system recaptures for food production on the farm. After all, we only get 1.4 cents per kilowatt-hour when we sell electricity back to the rural electric co-op, but it's worth 5 cents per kilowatt-hour if we use it ourselves." (Utilities, by law, buy energy at wholesale prices and sell at retail.)

Fischer is proud of the farm's "liquid fuel plant" which allows him to convert biomas to liquid fuel. So far, the unit is used only to produce enthanol (alcohol), but researchers at the farm have already begun to study the production of other fuels from corn grain as well as other forms of organic matter.

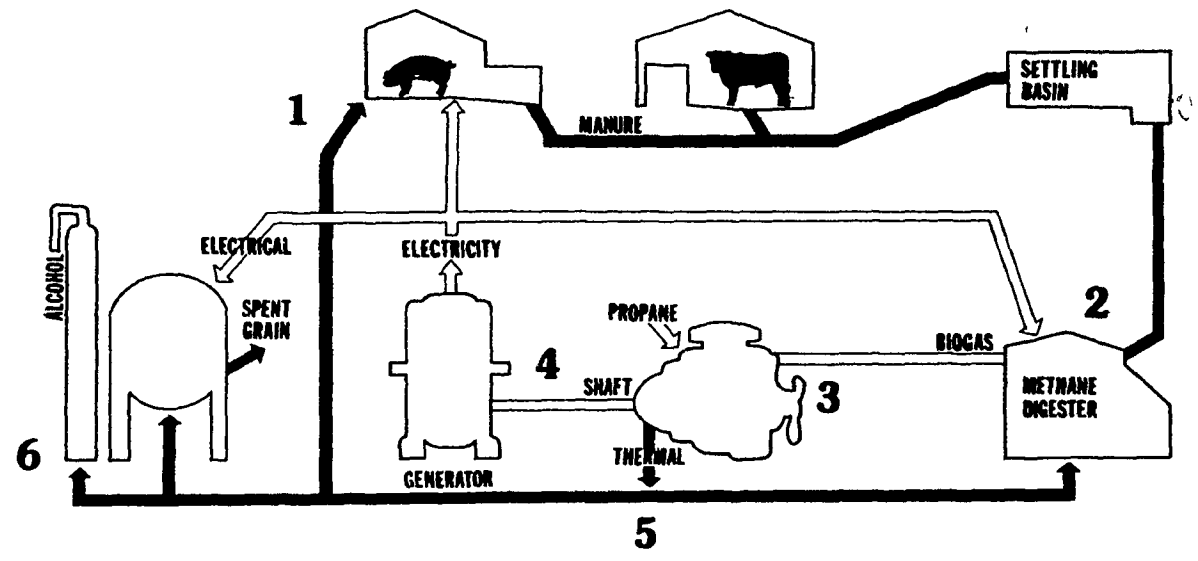
The best part of the liquid fuel plant is that it allows farmers to store thermal energy (heat) from the engine for use at a later date as a liquid fuel.

For example, the manure digester produces methane gas which is not dense enough to run vehicles but is a good stationary energy source. So the gas is used to run a cogenerator which produces electricity and heat

From the engine's heat comes hot water that can be used to heat buildings in winter. Or in summer, the hot water can be used in the still to convert biomas into other fuels (like alcohol).

"The concept allows us to use most of the energy produced from the manure digester," Fischer said.

"That means we can make good use of the manure and, as a result, more efficient use of livestock feed."



How the "Integrated Energy Systems" work: 1. Livestock eat residue from alcohol distillery and methane digester; 2. Methane digester produces biogas from manure; 3. Biogas fuels internal combustion engine; 4. Engine powers generator which produces electricity; 5. Engine's thermal energy (heat) helps run alcohol plant and heats methane digester; 6. Distillery produces fuel for vehicles.

Some intriguing studies using Energy Farm residues as feed are also being conducted by other UMC scientists.

An example is what animal scientist John Paterson is doing with the spent grain from the alcohol still, which usually presents some feed handling problems because it's mostly water.

He is combing the mash with fescue or straw to make a drier mix, then ensiling the mixture in silage bags. The idea is to come out with a complete ration for beef cattle—high in energy and protein.

Poultry scientist Joe Vandepopuliere is feeding the effluent from the manure digester to chickens because the "highly liquid residue contains protein, minerals and some carbohydrates." Vandepopuliere is analyzing the nutrient content of the effluent, determining how much chickens will eat and figuring what additional supplement they need for a complete ration.

The "reteeding" studies by Paterson and Vandepopuliere are just one of five major efforts now underway at the farm The others include.

—Microcomputer control of the distillation process.

—Evaluation of fermentation efficiency.

—Improving thermal (heat) recovery from the co-generator.

—Improving the performance of the manure handling system

Altogether, nine scientists from three UMC departments are carrying out research at the farm which has attracted a terrific variety of people—from farmers to congressmen to brewers to reporters.

"We like visitors, but we're getting so many that we can't give individual tours," Fischer said.

He suggested that persons interested in visiting the farm contact their area agricultural engineering extension specialist and arrange a group tour.

Facts on Integrated Farm Energy System

Manure Digester: Volume - 5,000 cu. ft. of liquid manure; Biogas production from digester - 10,000 cu. ft. per day.

Engine: 4 cylinder, 4 stroke, 220 cu. in. Waukesha spark ignition engine (set to run at 1,200 rpm to enhance longevity under 24-hr. operation). Output - 17.5 kilowatts of electricity, 23 kilowatts of thermal energy.

Induction generator: Rated power is 22.5 kilowatts.

Ethanol Plant: 1 steam jacketed cookpot - 500 gallons; 1 steam jacketed potstill - 500 gallons; 1 column 18 ft. packed with rachid rings; Four 500-gallon fermentors with agitators; Ethanol (alcohol) production - 1 batch per day; 30 gallons of 200 proof ethanol from 17 bu. of corn.

* The above figures represent the Energy Farm systems at full capacity.

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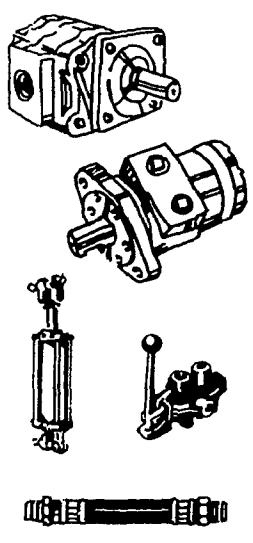
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It doesn't pay to replant frost-damaged corn

WOOSTER, Ohio — Cornbelt farmers know that if they can get corn planted early in the season, it generally yields better than late-planted corn. Often, however, northern cornbelt farmers find their early-planted crop hit hard by late spring frosts.

An Ohio study now shows that even if the corn plant dies completely back after being frosted, it will not only recover, but will produce significantly more grain than the same hybrid replanted following frost damage to the emerged seedlings.

Results of the Ohio research were reported during the annual meeting of the American Society of Agronomy by Marshall Jones, a former graduate research associate at the Ohio Agricultural Research and Development Center and Ohio State University.

The growing point of corn remains below the soil surface — even when the corn is 6-8 inches tall. So the plant has a remarkable ability to recover. When a late spring frost wipes out an early-planted crop, the temptation is to get right into the field and replant.

Jones' study was designed to compared yields of grain and silage from early-planted corn undamaged by late frosts with those from moderately and severely damaged corn and yields from the same hybrid replanted immediately into a frost-damaged field.

The Ohio study was conducted on a highly fertile soil in central Ohio. A full season hybrid was planted April 7, 1980. Then the agronomists covered some plots with plastic when frosts were predicted. Other plots were left unprotected and exposed to frost. Recommended management practices were followed throughout the season and rainfall was normal and adequate for optimum yields.

A light but damaging frost occurred May 16, Jones reported. Approximately 50-60 percent leaf damage was observed on the unprotected plants. To simulate 100 percent damage, the Ohio agronomists mechanically severed plants in another plot.

The same day, after the frost occurred (May 16), adjacent plots were disked and replanted with the same full season hybrid. After the late-planted crop emerged, plants on half the plots were mechanically defoliated to simulate 100 percent damage and to observe regrowth of the later-planted corn.

The corn planted earlier produced higher grain yields. There was no significant difference in grain yields between the protected corn and corn which had received natural frost damage or which had received the simulated 100 percent frost damage.

The late planted (May 16) corn produced higher silage yields (dry matter basis), Jones said. However, the corn planted May 16 yielded 14 percent less grain than the early planted frost damaged corn which had been left to recover.

Thus, farmers replanting the same hybrid on the same land after severe late spring frosts are not only going to unnecessary labor and expense — they're actually losing money with lower grain yields. The Ohio study was conducted in a high yield environment with a final population of 26,000 plants per acre at harvest. The percent yield loss from later planting in a lower yield environment or from a lower plant population would likely be even greater.

Although the data have not been analyzed for 1981, the second year of the study turned out similarly to 1980 with one exception. The growing conditions through late May and early June following replanting were so poor that the late planted corn germinated poorly and the losses of grain yield from late-planted corn will be much greater than in 1980.

On the basis of their study, the Ohio agronomists have one word of advice for farmers who are tempted to replant corn damaged by late spring frosts: "Don't!"

Jones, now on active duty with the U.S. Army, conducted the study in cooperation with Dr. Paul Henderlong, professor of agronomy, as part of the requirement for the M.S. degree from Ohio State.

Can home grown oil stretch diesel?

WASHINGTON, D.C. — It isn't crude, but it is oil.

It's diesaveg (dee'-za-vej), a combination of diesel fuel and vegetable oil. And according to agricultural researchers, diesaveg is coming on strong as an alternative to conventional diesel fuel.

"By the end of this decade, diesaveg could become a fairly common farm fuel," says John Baldwin, professor of agricultural engineering at Louisiana State University. "With the right portable equipment to crush and filter the oil, farm energy needs could be met, at least partially, from crops."

Baldwin and colleagues Billy Cochran and Lawrence Daniel have focused their attention on soybean oil and diesel fuel combinations—they call it diesol—for farm energy. And other oilseed crops hold similar potential. In fact, diesaveg is the subject of study at several other universities and also at four USDA regional laboratories where new markets for farm commodities are researched.

Alternative fuels, primarily gasohol, have gotten a lot of attention in recent years. But because of its alcohol base, gasohol can't be used in the diesel engines of most farm machinery. In 1980, farmers used 3.3 billion gallons of diesel fuel just to produce U.S. crops and livestock.

Cost is the biggest drawback to diesaveg. The price of a gallon of sunflower oil ($2.24) or soybean oil ($1.92) looks steep compared with diesel fuel at around $1.20. But this may not always be the case.

"Trends, especially during the 1970's, points in a different direction," says USDA economist Ed Fryar. "The 5 years before the 1973 oil embargo, diesel fuel prices increased an average of 4.5 percent a year. But for the next 8 years, price increases averaged around 25 percent annually."

If these trends were to continue, prices for both diesaveg and diesel fuel would be about equal by the middle to late 1980's. However, energy analysts say diesel fuel prices in the next 10 years will probably not rise as rapidly relative to vegetable oil. If so, diesaveg might not be an economical substitute for diesel fuel until, perhaps, late this century.

"If the two reach the same price, the cost of diesel fuel will serve as a floor price for vegetable oil," Frayer says. This means that if the price of vegetable oil starts to fall below the price of diesel fuel, more farmers will buy vegetable oil for their tractors, forcing vegetable oil prices back up to those for diesel fuel.

Does diesaveg have enough potential power to compete with conventional diesel fuel? According to Fryar, the answer is yes. BTU content and dynamometer tests prove him out.

Gallon for gallon, the potential power of a diesaveg mixture of 75 percent diesel fuel and 25 percent vegetable oil is only 1 to 2 percent less than conventional diesel fuel. The BTU content is #2 diesel fuel—commonly used to power farm equipment—is 140,000 per gallon. Diesaveg can vary between 137,000 and 138,000 BTU's. Ethanol (or ethyl alcohol), gasohol's base, comes in third at 85,000 BTU's per gallon

Dynamometer tests (which measure the driving torque of machinery) haven't indicated any significant power difference between engines running on a mixture of 75-percent diesel and 25-percent vegetable-oil and those using straight diesel fuel. In fact, some research tests showed virtually the same results for engines using even a half-and-half diesaveg mixture.

But other problems exist. Diesaveg is heavier than regular diesel fuel, so mixtures tend to jell. And most oil and diesel fuel mixtures don't burn completely, leaving carbon traces on engine parts.

The Louisiana State researchers are experimenting with chemical additives to eliminate or stabilize the carbon and jelling problems.

"Short-run tests have been promising," says Baldwin. "It's the longer-range use that needs more scrutiny."

But because of its availability and price, Baldwin sees diesaveg's use more as a supplement to rather than a substitute for diesel fuel. Especially during an oil crisis, diesaveg could help replace conventional farm fuel.

To make sure the fuel really works, the LSU researchers are experimenting with three State highway tractors which will use various mixtures of diesaveg this season and next.

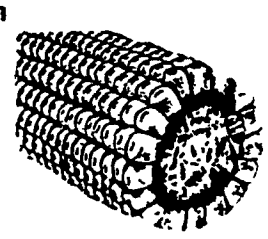
Another problem is that the nation cannot produce enough additional vegetable oil to replace diesel fuel entirely.

"Vegetable oil cannot be considered a universal fuel substitute," says Baldwin. "It would be a small part of this country's total energy picture, but diesaveg could be an essential part as far as agriculture is concerned."

If cost is a problem, diesaveg has an alternative of its own: used vegetable oil, called waste-oil diesaveg, oil that has already been used in preparing food. Last year, Ohio State University ran a campus bus on a mixture of 80-percent diesel/20-percent waste-vegetable oil. The oil was collected from capus cafeterias and filtered, then mixed with the diesel fuel. No major mechanical problems occurred with the bus.

According to Fryar, the waste oil alternative holds a brighter future than fresh-oil diesaveg. "The price will always be less than the fresh-oil variety," Fryar. In fact, waste diesaveg is now selling for about the same price right as conventional fuel.

More farmers each month prefer to buy their



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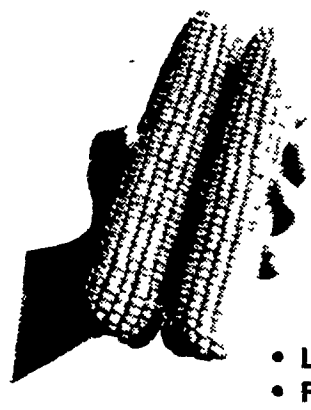

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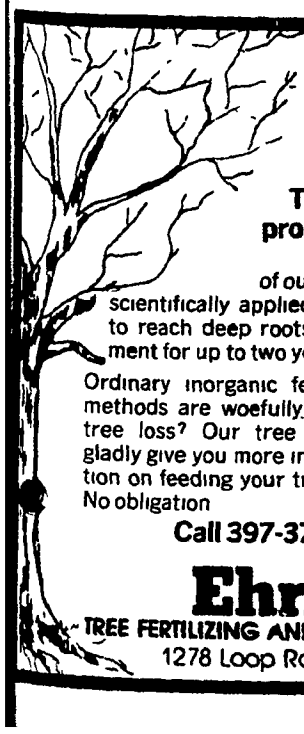

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Computers and hogs work well together

INDIANAPOLIS, Ind. — Computers appear to be the next innovation to be adopted by American pork producers, according to a panel of swine and computer experts which met recently at the American Pork Congress in Indianapolis.

"Pork producers have always been an innovative group," said Ray Washam, manager of swine technical services for Ralston Purina Company, organizers of the panel. "Over the years, huge sums of money have been invested in new and improved facilities. Computer technology will allow for better management of these investments."

David Meisinger, director of research and education for the National Pork Producers Council, agreed with Washam. "This trend has been accompanied by technological innovation and the use of new and better record keeping systems by younger, more educated hog producers. Computers are a natural fit with this trend," he said.

While all of the panelists agreed on the growing importance of computers, they held differing opinions on the direction computer applications will take in the '80's.

Bill Ahlschwede of the University of Nebraska stated that on-farm computers will become commonplace. "Producers like to keep control of their information and have records at their fingertips; or at least as close as their office or home," he said.

Ed Carson, agricultural economist from Purdue University, reported computer technology will be used for educational as well as analytical tasks. "Roughly two-thirds of the computer programs available through Purdue's FACTS system are both educational and analytical in nature," he said. "In the last ten years, Purdue has held workshops on FACTS and other systems that were attended by more than ten thousand farmers from Indiana alone," he said.

The one producer on the panel, Mike Quear of Noblesville, Indiana, offered his reasons why computers have played such a large role in the management of Amora Livestock Corporation, a 250 sow operation. "We use a computer for a number of reasons," he said. "But the main reason is to set goals and compare our performance against these goals."

Quear is a user of a central computer system called COMPASS, which was designed and is operated by the Ralston Purina Company. "The system provides a detailed production and financial analysis of our operation and tells us exactly where we're making and losing money," he expressed.

Washam claimed that it is in the area of financial analysis that computers have the most to offer hog producers. He explained that while most successful operators keep good track of production, few producers have an adequate picture of their costs and financial state on a month-to-month basis.

"There are few producers who can tell you where their profit was made; just that prices went up and their costs stayed constant," he said. "For example, how many producers can tell you what weight their pigs start wasting feed

(Turn to Page B45)

What is COMPASS?

COMPASS is an acronym for Purina's swine management computer service, the COMPUTER PERFORMANCE ANALYSIS SYSTEM. The system is based on three sets of data and produces production, financial, and cashflow analyses.

The three unique features of COMPASS are:

—A set of thumbrules or performance goals based on industry norms and a set of theoretical guidelines.

—An inventory accounting system that allows a producer to set values on entire pig inventory that reflect more than the simple market price of hogs.

—Confidential comparison of a producer's performance against other users of the system. Specific areas of operation are highlighted and measured against other system users.

Enrollment in the service is usually through a Purina dealer. A new subscriber receives a set of record-keeping forms that assemble existing records for input into COMPASS.

COMPASS users are given a manual that stresses the proper use of these record-keeping tools and the proper interpretation of the resulting reports. The manual also includes a step-by-step breakdown of each computation and can be examined by a producer who wants to learn more about computer analysis.

A producer completes the production forms, which are color coded for easy use, and returns them to Purina. He also sets certain production goals, such as a feed conversion ratio. In one month, an analysis of the operation is available. The same procedure is followed for financial analysis.

The service costs $500 dollars per year.

COMPASS production analysis is broken down into five parts: breeding, gestation, farrowing, nursery, and finishing. Performance measurements are based on data inputs and are supplied in the form of computer printouts showing — unit performance per month, unit performance per year to date, unit performance comparison report per month, unit performance comparison report per year to date, and summary report.

Efficiency is measured in pork produced per farrowing crate. Featured output includes percentage of crates used, pigs weaned per litter, pigs produced per hour of labor, etc. All of this is measured in numbers of pigs and broken down into the categories of farrowing, inventory, breeding and production.

Each data output is compared to a thumbrule and the performance of other producers using the system.

Financial analysis is based on the production report and financial data supplied by the producer.

Monthly output includes a detailed breakdown of costs, income, and profit, by livestock type (feeder, gilt, etc.) as well as each component of an operation (farrowing, nursery, etc.).

Monthly financial output is summarized in five reports — straight P & L, calculation of feed costs, calculation of pork produced, animal inventory adjustment, and changes in the financial position of the operation.

This report also includes a comparison of the producers performance to stated goals. All of the comparisons relate to feed efficiency and are stated as pounds of feed used to produce pork, be it feed for the breeding stock, replacement gilts, finishing hogs, etc.

Cashflow analysis is based on the data supplied by the producer and is used to project cashflow and profit from an investment in a hog unit.

Producers must be on weekly farrowing or certain grouping systems.

This analysis can be done independent of the first two reports, and Purina supplies most production and weight assumptions. The producer inputs certain things such as interest rates, estimates of hog prices, a ratio equating the value of feeder pigs to the market price of hogs, etc.

Cashflow analysis is based on the flow of animals through a system and the amount of pork produced by a unit. The analysis is very detailed and provides a producer a look at where he can expect to lose or gain cash on a month to month basis.

Output is also put into a P & L statement reflecting the cash position of an operation. Using different assumptions, a producer can see the impact of interest rates and hog and corn prices on his P & L statement.

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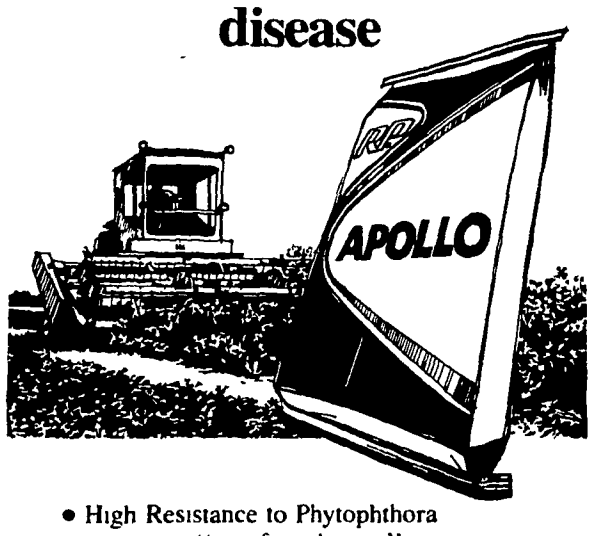

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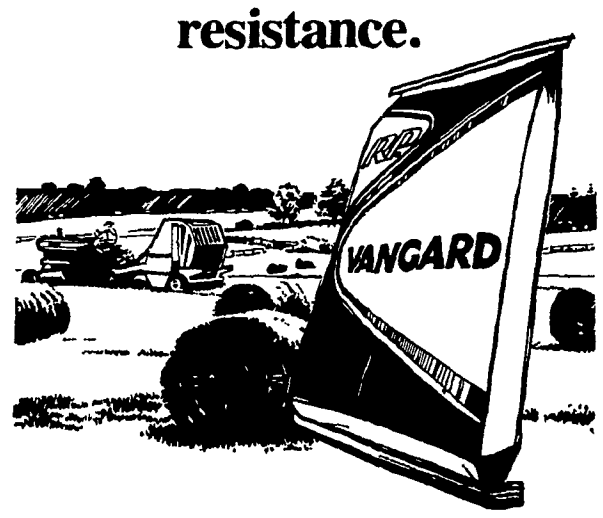

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Fertilizer use could lead to ozone layer destruction

MADISON, Wis. — Loss of nitrous oxide from soil is linked along with aerosol spray propellants and supersonic aircraft, to the destruction of the earth's stratospheric ozone layer.

Agriculture has been singled out as a prime suspect in the loss of nitrous oxide. That's because nitrogen fertilizer use has risen more than 1,000 percent in the last three decades. One study estimates that as much as 20 percent of the ozone layer could be destroyed by early next century because of increased fertilizer use alone.

But natural soil systems - those of forests, prairies, and drained and undrained wetlands - show nitrous oxide output at least as great and some much greater than agricultural soils, according to Dennis Keeney, University of Wisconsin-Madison soil scientist.

Keeney and research assistant Lewis Goodroad are studying nitrous oxide losses from soils in representative areas of the upper Midwest. They are trying to determine the conditions that are likely to cause nitrous oxide loss. Nitrous oxide loss indicates that nitrogen, an essential plant nutrient, is also escaping into the atmosphere.

By comparing losses from agricultural and nonagricultural soils, the scientists hope to shed light on the role farming plays in adding nitrous oxide to the atmosphere.

Other sources of nitrous oxide include fossil-fuel combustion in power plants and automobiles, and sewage treatment.

The stratosphere's ozone layer - about seven miles above the ground - protects the earth from damaging ultraviolet radiation. Scientists predict that radiation increases due to ozone loss could produce more cases of skin cancer, reduce agricultural productivity, destroy species vital to ocean food webs and contribute to warming of the earth's atmosphere.

Atmospheric levels of nitrous oxide are steadily increasing and the ozone layer is diminishing, but no one has determined where to place the blame.

Keeney says the long-term goal of the research is to come up with inexpensive field testing methods for nitrogen loss. Better methods will add to knowledge of atmospheric problems and increase understanding of how the soil's nitrogen system works to affect fertility.

The researchers are concentrating on nitrous oxide because it occurs in only minute amounts in the atmosphere, making its loss from soil easy to measure with sensitive instruments. Gaseous nitrogen, on the other hand, is the atmosphere's major component. This high background level makes measuring gaseous nitrogen loss from soil nearly impossible, Keeney says.

Keeney and Goodroad have found that the largest nitrous oxide losses occur at specific times, particularly at spring thaw and after heavy rains. They attribute this to low oxygen levels in the soil at these times due to increased moisture. Lack of oxygen increases nitrous oxide output from various stages in the soil's nitrogen cycle.

The nitrogen cycle involves soil microorganisms and fungi in processes which make nitrogen from the air and from organic material available in forms that plans can use. At different points in this cycle, nitrous oxide and nitrogen gas are released into the atmosphere.

Nitrogen fertilizers add to the nitrogen cycle. If more nitrogen is available for plants than they can use, much of it returns to the atmosphere or is leached away by rainfall.

"The better we understand how and when nitrogen is lost from the soil, the more likely we are to make management improvements to reduce this loss," says Goodroad.

The most significant nitrogen losses probably occur when soil is excessively wet. Farmers might avoid losses by not applying fertilizer before periods when heavy rainfall is likely, Goodroad says.

Inorganic nitrogen fertilizers are made from natural gas, and the increasing cost of gas will be reflected in fertilizer prices. Improving the efficiency of fertilizer use could mean significant savings for farmers, Goodroad says.

Says Keeney, "There will have to be better management techniques. Major changes will occur as agriculture adjusts to greater energy and fertilizer costs."

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Computers

(Continued from Page B44)

dollars? Computer record keeping can tell you this," he added.

Carson of Purdue agreed. "The computer is a great educational tool and allows us to reach a large audience with a wealth of detailed information," said Carson. "For example, hog producers can use FACTS to do an analysis of whether to buy or lease land when they expand, or can use a program to determine a breakeven budget for feeder pigs," he added.

All the panel members predicted the next few years will see a wide variety of systems and options that may confuse the hog producer. "The risk lies in the producer purchasing or subscribing to the wrong system," said Meisinger. "Hardware is currently available, but good software for the hog producer is still lacking."

Ahlschwede echoed Meisinger's concerns. "Good software for hog producers is really not yet available. Software development is expensive and time consuming," he said.

"What is beginning to happen," he continued, "is that traditional agricultural vendors are entering the field and marrying their expertise with that of computer people. This is a good development because even when computer programs are perfected, producers will only buy them if they are packaged as a tested complete product available through a reliable souce," he continued.

Mike Quear supported Ahlschwede's theory. "I've looked into a microprocesor to simplify my record keeping," he said. "But I'll stick with the COMPASS system because I don't have the computer expertise to develop a software program capable of producing the complicated analyses I receive from the system."

Washam noted that it would be difficult for producers to match the analytical capabilities of commercially available packages.

"Because of a large customer base, COMPASS is able to provide subscribers with realistic goals that are being achieved by producers with similar size and type operations," he explained. "An individual producer is not capable of compiling this kind of data base."

Production analysis is presented, in detail, every month, and analysis of financial performance is available after a producer has been on the system for one month, according to Washam.

"A producer can see how much feed his boars consume, what it costs in labor to produce a marketable hog, how many gilts are available per year per farrowing crate, and all kinds of information he has always wanted but never had the time to compile and analyze," continued Washam.

According to Meisinger, sophisticated programs such as this are only the first step in the right direction.

"We're only beginning to scratch the surface of computer technology. Because computers allow better record keeping, we're going to see a steady improvement in production statistics such as average litter size and number of pigs weaned per sow per year," he said.

"There is a big, bright future for computers in the hog industry," said Meisinger. "Technological innovation and modern management practices are more and more a part of the hog industry, and computers may be the number one development in the coming decade."

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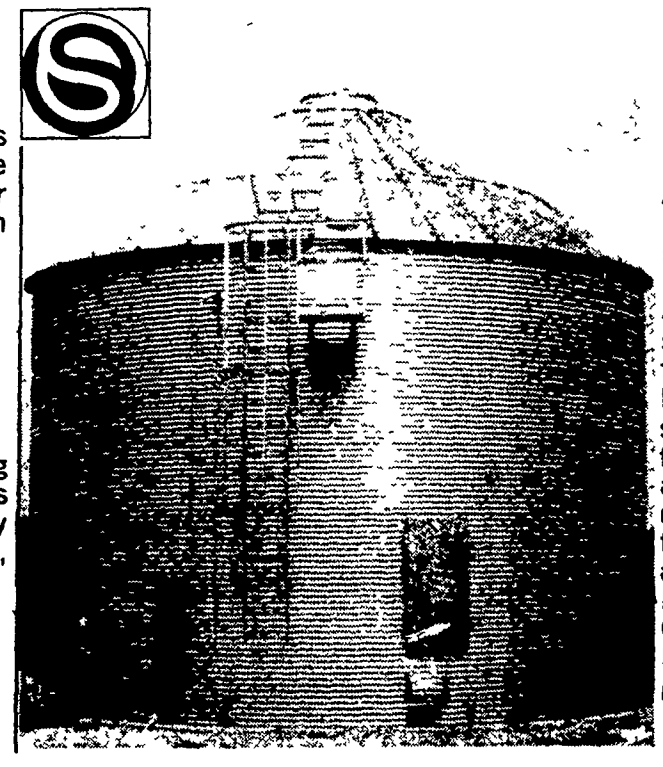

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Wheat research support declining

LANCASTER — The word on wheat is a mix of good and bag.

First, the good news.

Wheat's reputation as the "staff of life" is well deserved. It's grown on 22 percent of the cultivated acres in the world — almost twice that of any other grain. And it provides more protein for the world's hungry people than all the milk, meat and eggs put together.

Despite all its pluses, there are some somber notes about wheat — at least as far as growers are concerned, according to the Missouri Farm News Service.

"The wheat in a one-pound loaf of bread returned less than seven cents to the farmers who produced it last year," said Dale Sechler, wheat breeder at the University of Missouri-Columbia.

"Furthermore, the average wheat yields in Missouri were about 43 bushels an acre in 1980 — approximately half the average of some European nations. Ture, we don't have the good wheat growing environments some of these countries do; but a big reason for the yield discrepancy is the difference in support for wheat research."

He noted countries like Yugoslovia have more than 50 times the people involved in wheat research that Missouri does — even though Yugoslavia and Missouri are relatively similar in size in terms of maximum wheat acreage.

He said Missouri wheat producers are now starting to support their own research through a "check-off" program in which a portion of wheat seed sales of one variety go to the University of Missouri for further research.

More and more, different farm commodity groups have gone to supporting their own research and marketing programs because of the declining support from the state and federal government.

MAILBOX MARKET

Notice Man that bought endless hammermill belt Feb 6, please contact me Samuel Zook, 2407 S Fifth Ave, Lebanon, Pa 17042

For Sale Amish buggy, roller bearing hyd brakes & front whls Christ K Stoltzfus, RD2 Box 784, Newmanstown, Pa 17073, Leb Co

For Sale- 1000 bales clean dry wheat straw, 28 used discs 16", 2 row Bemis tobacco planter, 717-786-3338 Lanc Co

For Sale Cert bristol black raspberry plants $33 per 100 at farm Levi Ober, R4, Elizabethtown, Pa 717 367 3118

For Sale 10' Dunham culti mulcher, like new, $1500 Lycoming Co 717 435 0260

For Sale 1000 bushel heavy oats 717 745 3385 Lycoming Co

For Sale 830 Case dsl good condition, 3 pt hitch, fair, rubber Union Co 717 966 2434

For Sale JD 3 pt 2 row corn planter $225, JD 2 btm 3 pt trip plow Sch Co 717 345-6178

For Sale Oliver tractor, power take-off, hyd and pulley, Benuel King, RD1 Box 156 A, Paradise, Pa 17562, along Mine Rd

For Sale NH 455 mower on whls, like new, $795 NI 751 crimper $395, NH Super 55 rake $775 717 354 0266

For Sale JD 494A 4 row corn planter, dry fert & insect in exc condition $1000 717-922 1135

For Sale Dairy goats w/3000 lb 1981 DHIR milk records, Nubian kids & milkers 717 532-3736

MAILBOX MARKET

For Sale Deutz barn tractor, rubber D6006 1974 model $5500 717-267 2606 Lanc Co

For Sale- Reg Polled Hereford bull, victorious bloodline out of Murphy cow 16 mos old Exc conformation Adams Co 717-334 7188

For Sale- 3 yr old 2 hp Briggs & Stratton engine $45, 14' wagon w/good hyd hoist, $200 717 859-2374 Lanc Co

For Sale- DB garden tractor with cultivator, good shape 215-267 5345

For Sale Good IHC 10' quick hitch disk harrow, can be used for 3 pt hitch, also $650 215 754 7316

For Sale- JD 4 btm drag plows, 412 835 3246, Bob or John, after 7 p m 412 835 3159, Bob

For Sale 8 ton feed bin, 2 pit cleaner units, 80 15 hole rear roll away nests, Bressler inserts Lanc Co 717 653 1249

For Sale Tractor Model A restored $600, 1941 Chev dual wheel grain dump, no title $500 215 942 2412 Chester Co

For Sale Int 440 baler, all twine knotter, with thrower, $2000 717 933 8764

For Sale 3 yr old White AKC German Shepherd female $100, Lhasa Appso male $40, After 4 p m 717 934 2481

Wanted Barn cleaner in good condition, 16" paddles & about 200' of chain run counter clockwise Bradford Co 717 673 3021

MAILBOX MARKET

For Sale Winco generator, 20 kw, pto, on trailer used 4 hours Bedford Co eves 814 784 5475

For Sale 6' cutter bar runs off of rear pto, 175 Honda cycle, 650 BSA cycle Lanc Co 215-445-6841

For Sale- Two Reg Hol bulls, one by Jemini, one by Creek Both dams records over 20,000 Berks Co 215 562 4161

For Sale- AC roto baler, NH model 53AS bale thrower like new, Agway heated cattle waterer Dauphin Co 717-692-3927

For Sale- Single btm furrow plow for Farmall cub w/fast hitch Started duckling, 1-5 weeks old 717-334 3182 Adams Co

For Sale Window sash 2 lite 42-29x31, 50 cents, triple-track storm windows 21-29x61, $4, Lanc Co 717 299-4482, 299-2536

Wanted- Two piece hard top for 1977 MGB, also 1968 Agricultural Almanac, Lanc Co 717-859-1802 after 6 p m

For Sale- IH 1440 combine with 15' 820 head & 4 row corn, 200 hrs, Salem Co, NJ 609 358-2510

Wanted- Fert top-dressing attachment to mount on 2-horse cultivator Daniel S Mast, R2 Box 330, Dover, De 19901

For Sale- New 10 ton wagon gears #515, while they last Lanc Co 717-354-0595

For Sale 24' Sam Mulky elevator, also 2 Big Dutchman automatic feeders w/chain & trough Lanc Co 717 665 3865

Wanted PU and direct cut grass heads for #16 I H harvester Lanc Co 215 445 5182

For Sale- Equip for sealing driveways & large parking lots, York Co 717 757-1960

For Sale- 5 wooden farrowing crates $35 ea, 8 hole Pride of the Farm hog feeder, $50 Lanc Co 717-768 8440

For Sale- Int 503 dsl combine, 14' grain 4 row 30 corn Good condition, $8500 York Co 717-229 2346

For Sale Tobacco shed, 34x120', many wide well weathered red boards Must be torn down Lanc Co 717 898 7066

For Sale- 1972 Datsun pickup with topper, 15" radial tires on new, new paint, good cond Cumberland Co 717-776-5475

For Sale- Log splitter to fit cub cadet and other tractors Lanc Co 215-267-7049

Wanted- Toy tractors, solid plastic models of Ford, Farmall, Case, AC etc Over $100 if nice Dave 717 768-3554 Lanc Co

For Sale 2 Hol heifers due Apr 17 & May 25 Dams DHIA 20,648M, 4 1% F & 22,525M, 4 1% F Leb Co 717 866 6772

For Sale NI 710 combine w/711 grain platform w/hyd pick up reel for Uni System Well kept Leb Co 717 272-2477

For Sale 1970, 50 cc Suzuki cycle, 5 spd, use for parts or tune up, $75 Montgomery Co 215 754 7201

Wanted 6 Delaval 40 & 50 lb milker pails & lids Sam E Stoltzfus, R7 Coatesville, Pa 19326

For Sale 2 round hay feeders like new, 18 hole, $150 each, Omar F Glick, R1 Box 462, Gap, Pa 17527, Millwood Rd

For Sale- Black raspberry plants, limited supply 717 872 7281 or 717 872 0845 after 5 30 p m Lanc Co

1978 Starcraft pop up camper, heater, stove, sink, ice box, good condition, $2200 firm 626 1461

MAILBOX MARKET

Wanted- Pipeline milker bulk tank, approx 350 gal, and barn cleaner For Sale- Fireplace heatolator Northumberland Co 717 797 3751

For Sale AKC Basset hound breeders, 9 females, 1 male, must take all $190/each No Sunday Calls Lanc Co 717 665 3585

For Sale Reg Dorset ram, 2 yrs old, no horns 814-448 2392 Hunt Co

For Sale IH 55 chisel plow 13 tooth, $1600, IH 480 disk harrow 44 blades, 13½, $3500 301 734-6451 Harford Co

For Sale 4000' rock oak lumber, will sell reasonable 717-776 3239 after 5 p m Cumberland Co

For Sale- 560 Int Tractor w/f $1500, M Int Tractor w/f $800, 44 M H Tractor $400, Church Hill, Md 301-556-6124 after 6

For Sale- 7 Beefalo brood cows, 300 gal Zero milk tank, 52 gal hot water heater, Carroll Co, Md 301 374-2348

For Sale- JD A tractor, with powertrol & rollomatic, good shape, with new Ideal ldr $1150 York Co 717-252-1469

For Sale- Tomato plants for roadside marketing, greenhouse grown, ready to plant in hot bed for early crop Lanc Co 717-733-2584

For Sale 292 Ford truck motor, 28,000 miles, $150, 4-way hyd valve open center, $40 York Co 717 235 5442

Wanted- Camper jacks for pickup camper For Sale- 4' cultipacker, $75 Lanc Co 717-733-0223

Wanted- Adjustable pressure hyd valve for JD reset plow For Sale- Harden knives for S-717 Lanc Co 717-354 8126

For Sale- JD #21 hay conditioner, $125, 2 row cult for Oliver 70 tractor $75 Mont Co 215-539 5045

For Sale Ontario grain drill, 14x7, disk openers, good condition Bucks Co 215 536-9672

For Sale- Used green commode, exc cond $10 Lanc Co 717 665 3150

For Sale 5 yr old chestnut mare, well broke, work double, single, rider & drives Martin Reiff, R1 Narvon, Pa 17555 Bowmansville

For Sale JD 4 row corn planter with monitor, good condition Lehigh Co 215 756-6515

For Sale- Oats for feed or seeding good color, Monroe Co 215-381-3766

For Sale- Steam boiler, good condition, also 1½ hp elec motor John U Stoltzfus, RD2 Honeybrook, Pa Lanc Co

For Sale- White Kenmore apartment size coal & wood range, $100 Lanc Co 215 445-5090

For Sale- Oliver plows #365 3 btms, 3 pt hitch 717 734 3128 Juniata Co

For Sale For parts, WD tractor $175, NI 305 corn picker $200, JD 14T baler $100 Franklin Co 717 263 0627

For Sale- Arabian fillies & colts or trade, good quality and pedigrees Hendrik Arabians, Passaic Co, NJ 201 839-4430

For Sale 5 farrowing crates, 8' chicken feeders & chicken nests Northumberland Co 717 425 2194

For Sale 990 Int haybine $2000, 1000 gal tank, vacuum pump $1000, 6x30 wood planer $2000 Clearfield Co 814 583 5732

Wanted- Due to barn fire 600 800 gal bulk tank, 3 hp vacuum pump, feed bin, barn windows, hay drying fan 717 435 0260

Wanted Roll bar for Oliver 1500 or 1600 series tractor with roof 717 564 3495

MAILBOX MARKET

For Sale 15 head of Charolais feeder steers from our own Charolais herd Sch Co 717-345 4489

For Sale 1 Angus heifer due to calf 717 467 2746

For Sale Anhydrous ammonia 15' tool bar applicator w/John Blue vitrolator, new cond 15' Gandy insect applicator, new cond 717 426-2655

For Sale IHC #411 fast hitch 4-14 semi mtd plow $500 Daffin pto corn sheller on skids, $200 Perry Co 717-582 2275

For Sale Safe T Gard steel cab, fits 2000-4000 Ford tractors, heater, wiper and defroster, $250 215-384-2860

For Sale- JD 3 btm plow, 3 pt hitch, 14" $495 Lanc Co 717 786-1458

For Sale 1946 Chev stake body 7'x12, dump truck, working order $275 Lehigh Co 215-967-3957

For Sale- NH 269 baler w/thrower $1300, NH Flail head for same, $500, Farmall M $500 York Co 717-456-5245

For Sale- TD6 bull dozer with angle blade, very good cond 717-266-3418 York Co

For Sale JD 494A corn planter, 4 row $600, 3 pt F125 plow 3 btm $675, 215-932-8208 Chester Co

For Sale- Easter bunnies, Netherland dwarf also 1 yr Dutch buck and Netherland dwarf breeding pair 717-872-2327 or 872 6320

For Sale NI 504 manure ldr in exc cond with forks and 84" material bucket, $1200 717-367-5167 Lanc Co

For Sale 2 steel whl for NI 206 manure spreader, $120 Levi S Lapp, RD3 Box 136, Quarryville, Pa 17566

For Sale- 60 ton good corn silage, also milking parlor equip and Mojonnier bulk tank, Lanc Co 215 445-4272

For Sale- Used horse collars, reconditioned size 17-25 Christ E Fisher, R1, Box 162, Paradise, Pa 17562

For Sale- American standard cast iron tub new $125, Rem model 25 $230, Rossi model 92 $205 717-786-1746

Wanted- Used Wis engines in need of repair, or for parts w/o clutch reduction gears 717 687-6553 Lanc Co

For Rent- 12 acres pasture suitable for 12 head of cattle, $110 a month Lanc Co 717-665-6368

For Sale- JD 494A corn planter, 4 row dry fert, insect good condition $850 Lehigh Co 215-767-6048

For Sale AC 4 row sod planter, 30" row good condition $1500 Fauquier Co, Va 703-788-4129

For Sale- 1 new gas modine heater, $225 btu $550, 4-2 ton steel feed bins, $150 York Co 717-938 2197

For Sale Togg milker $100, bred yrlg Togg due April $65, grade Nub kid $60 Gloucester Co, N J 609 694 1487

For Sale- 4 row 18" JD soybean planter, tool bar type $400 JD trailer plow, $350 Columbia Co 717 799 5425 eves

For Sale Oliver dbl disk soybean drill 12' wide, exc cond $595 IHC 12 spring harrow, $295 Lanc Co 717 548 2559

For Sale UKC Reg Toy Fox Terrier stud dog, has bred several litters all tiny $75 New Ringgold, Pa 717 386 2747

For Sale Tractor tires reasonable 13 6x28 4 ply 80% tread, 12 4x28 4 ply 80% tread Sussex Co 201-948-5781

For Sale Chisel plow, 9 tooth Graham pull type, Massey Super 26 combine, 201 537 2543 Warren Co, N J

MAILBOX MARKET

For Sale- Choice of purebred Charolais bulls, son of Ozark Golden Paul or Admiral Bull Atlas Breeding 717-273 4115

For Sale- Lely fert spreader John S Stoltzfus, RD1, Box 99, Kirkwood, Pa 17536, Morrison Mill Rd

For Sale- 17x7 JD grain drill, $150, 215-795-2155 Bucks Co

For Sale- MF 1150 dsl tractor w/cab & dual, 18 4x38 rubber, good shape, 1200 bu ear corn Harford Co 301-836 1469

For Sale- JD 24T baler twine, Bush Hog square bale loader, 24' wooden ladder, exc cond 301 692-6108 Harford Co, Md

For Sale- 4 whl heavy duty flat bed trailer w/elec brakes, exc cond $800 or best offer Berks Co 717-933-4027 after 6

For Sale- 1200 gal JB truck, mount spraying or can be used as nurse tank 301-795-9375 Woodbine, Md

For Sale- Shetland welsh mare pony, 4 yrs, rides, ties out for grass, $300 Chester Co 215-269-1191

For Sale- 2 needles for 46 Int baker, one tire 750 24 for ground drive manure spreader 215-926-4406 Berks Co

For Sale JD 1240 plateless planter w/monitor, fluted coulters, and auger fert fill Berks Co 215 286 5393

For Sale- 1962 700 Ford chassis 21,000 gvw, recently factory overhauled, 6 cyl motor, current inspection, $600 Chester Co 215 384 4386

For Sale- Int TD9 dozer w/belt & pulley, good condition, recently overhauled, $2800 2 miles north of Schaefferstown, along Horst Rd

For Sale- 1972 Ford Galaxy station wagon, one owner, good condition, $575 B, new rubber, $675 Chester Co 215 857-3949

For Sale- 1972 Honda 500 cycle, $700 or best offer 215 857-2785 after 6 p m ask for Amos Parksburg, Pa

For Sale- 3-29' steel roof trusses, $25 each 717-225-4185 John Martin, RD6, York, Pa

For Sale- Oliver pull type plow, Oliver pull type disc, ear corn, and straw Adams Co 717-259-0048

For Sale- #22 MH tractor with 3 pt hitch & cult, 13 disk Ontario grain drill Leb Co 717-865-6585

Wanted 1948 or 1949 Chev ½ ton pickup 215-628-2159

Wanted- Used flat bed lacing machine for bulldog lacing 6" wide or more Berks Co 944-7486 or 9648

For Sale- 2 row JD corn planter with fert & insect Cumberland Co 717-486 7914

For Sale- Used tin from barn roof, good for side of bldg Franklin Co 717-328 2971

For Sale- 2800 pcs 12"x24" greybed roof slate, good condition, $1 00 each Also barn boards from large barn Monroe Co 717-992 4235

For Sale 3 yr old sorrel & white App stallion, can be reg $500 Queen Anne's Co 301 778 1919

For Rent 150 acres cropland, level, fertile, high pH, Cumberland Co between Carlisle & Newville 301 635 2481 after 8 p m

For Sale- Winpower 12 7 pto generator or trailer $500, A1 Blair Co 814 793-3525

For Rent- Monroe Co lovely log cabin on Bushkill stream, 2 br, sleeps 6, pools, tennis, fish, summer weekly 609-424 2313

MAILBOX MARKET

For Sale- 1976 Dodge D-300 stake truck PS/PB equip w/hitch for gooseneck trailer, exc cond Low miles, 814-364-9333 or 814 238-4957

For Sale- Old fashioned solid butcher block, 30"x30" 717-354-4051 7 a m to 4 30 p.m

Wanted- 1 ton feed mixer, state price & cond Levi F Stoltzfus, 1900 Jackson School Rd, Oxford, Pa 19363

For Sale- Superior #K100 front end loader, 9' Ford transport disc w/20" disc, nice shape, 10' cultipacker 717-776-7893 Cumberland Co

For Sale- Gehl model 2500 skid loader, JD 494A corn planter, Int 400 tractor. 201-879-5851 days and 201-584-5054 eves

For Sale- 309A dairy farm $215,000 bare Jefferson Co, N Y 315-788-6205

For Sale- White 5400 corn planter, no till air planter, 4 row seed monitor, dry fert $5450 Lehigh Co 215-767-7777

For Sale- 1975 Chevy truck with 9½' bed & cattle racks, exc cond 1 owner, 32,000 miles 71[illegible] 665-5985

For Sale- White muscovy drakes, to sell for breeders Berks Co. 215-488-6816

Wanted- Engine for JD 45 self-propelled combine running order For Sale- Farmall Super C tractor, hyd, good condition, $1000 215-944 9307

For Sale- Seed oats, Noble, cert last year, cleaned, treated, in new burlap bags, $4 00 bu Schuylkill Co 717-647-4611

For Sale Farmall 350 dsl w/belt pulley & PTO 45 hp Priced reasonable, 425 Int gas tractor Lanc Co 717 354-7881

For Sale- Add on beam and btm for White or late Oliver plow 215-488-1733 after 8 p m Berks Co

For Sale- 3 pt hitch 2 sprayer w/booms wagon w/steel whls, wheat binder, hay truck and lock Berks Co 215 856 7619

Wanted- Experienced mason to trade some time for carpentry 717 394-0362

For Sale 50 acres, small cabin & two car garage, spring, stream through, nice 814-544-7352

Wanted- IHC 100 cub manure spreader, IHC gas engines or parts Ben Kinsinger, RD1 Box 234A, Meyersdale, PA 15552.

For Sale 2 outside wooden toilets, good shape, milestone son-dam 22,000M born 3-4-82 Pacemaker Son, born 7-19-81 Chester Co 215-932-3309

Wanted- 3 pt post hole digger, also coal and wood heatrola 215-488-7245 after 6 p m Berks Co

For Sale- 6 row 30" #600 AC no till corn planter, liquid fert, $3500 York Co 717 225-4944

For Sale- 1970 Ford L/N 900 truck tractor, 477 gas 5 spd, 2 spd rear, 10-20 tires Cambria Co 814 472 9498

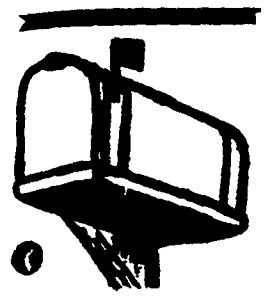
For Sale- 1968 Ford 700 N model 360 5 spd, 26,000 gvw, 900-20 tires, ps, cab, and chassis Cambria Co 814-472 9498

For Sale- 1971 Chevy pickup, new paint, V8, runs good, Lanc Co 717-354 5778 after 3 p m

Wanted- 400x36" tire & tube or rake or drill with this size tires 717 292-3172 York Co

For Sale Truck, 1975 L 8000 Ford tandum dump truck, 16' alum bed, 16,000F 38,000R a[illegible] Cat dsl 717-532 7[illegible] Franklin Co

Wanted Old American books (builder) Submersible water pump 919 237 0012 or write Grover Jones, Rt 2, Wilson, NC 27893



FREE

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Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale- Howard rotavator new condition, reg price $1400, will sell for $900 717 866 4695 Leb Co

For Sale JD Model 1240 corn planter 4 row w/insect, like new 717-776 3319 Cumberland Co

For Sale 1210 Case w/ldr 750 hrs, exc condition Glou Co, NJ 609-881 5339

For Sale Reg Australian cattle dog pups, guar to work any livestock, 2 red & 1 blue 609 758-7439

For Sale Mobile home, 1977 Liberty 14x56, 2 bdr, good condition, asking $7500 Somerset, N J 201 359 5046

Notice Ben Stoltzfus So Kinzer Rd or other interested party Will trade 3 yr old Chev ram 301-791 1385 Wash Co, MD

For Sale Remington 870 3" VR full, Rem 700 243, Winchester 97-26 pdy choke, M 60 22 LR, M-67 22 LR 301-398-9178

Wanted- Set of cults for A Farmall 140 tractor Carroll Co, MD 301-795-6484

For Sale Angus bull, service age, not full blood, also several springing Hol heifers, from artificial breeding 717 434 2385 Su Co

For Sale 1969 GMC model 7500 truck tractor, V 6 53 engine, new tires & wet line Warren Co, NJ 201 689 6772

For Sale- Border Collie, partly trained, 1 yr old male, used for stud Has bad habit $70 717 933 8281 Leb Co

For Sale- JD 10' roller harrow, 717 362-3333 Dauphin Co

For Sale- NH 271 baler w/thrower, $1500, #73 F600 truck flat bed w/new hoist, $4950, A-1 condition 717-657-0606 Dauphin Co

For Sale- AC 7' pto combine, nice condition, also 275 gal fuel tank York Co 717-432-2762

For Sale Amish storm front carriage, roller bearings located on farm near New Holland 215-536 1396 after 5 p m Bucks Co

For Sale- 6 man rubber raft, $85 215-445-6181

For Sale PTO thrower for 520 Oliver baler $200, pto pulley for MF $150 Juniata Co 717-444-3084

MAILBOX MARKET

For Sale- Wis engine, 7 h.p, runs well, but needs minor repair $100 Glou Co, N J 609-423-7245 nights

For Sale- Yearling peacocks and peahens, 716-526-6278 Ontario Co., N.Y

For Sale- AKC Female Collie, 9 wks, nicely marked, Chester Co 717-529-2803

For Sale- Chevy 12' flat bed truck, $350, Farmall 300 tractor w/ldr, plow, mower, Case 3 pt. 3x16 trip plow, 717-345-4882.

For Sale- Lime spreader, 1975, 1800, 5 spd trans, 2 speed rear, low mileage Stan Mar Farm, 301-489-4319

For Sale- Bred beef cows due soon. 100 locust posts, $1 25 each Daniel Stoltzfus, R1 Newburg, Pa. 17240, Cumberland Co.

For Sale- 225 Int haybine, fair shape, 10' cut, exc motor, ½ cab, $900 Perry Co 717-567-6183

For Sale- 425 gal Majonnier bulk tank $950, Cat 955 ldr $4800, Myers pump jack $35, 215-682-6247 Berks Co

For Sale- Hide-a-Bed sofa, brand new upholstery green $175 or another dark green used Hide-a-Bed $75 Berks Co 215 682-6429

For Sale, One Hol springing heifer Wanted- To feed heifers corn silage, grain & pasture year round, tomato baskets 717 949-3842

For Sale- PHI Petter dsl, 8 h p, starter & alternator, good condition, $450 717-442-8013

For Sale- 12' oak dbl hay & grain sheep feeder, 2-175-80x13" general radial reg tires Lanc Co 717-354-7186

For Sale- Yrlg Polled Hereford bulls, out of reg stock, also 2 & 5 yr old Polled Hereford sires 215-488-1762

For Sale- Black mare pony & harness, no small boys pony $250 Reuben S Allgyer, RD2 Parkesburg, Pa 19365

For Sale- NH #495 haybine, exc condition, ready to mow $3800 Franklin Co 717-597-4883

For Sale- JD 3 btm 3 pt mtd plow, best offer Clinton Co 717 726 6704 after 6 p m

For Sale JD 60 tractor, side tachometer, overhauled, $1500 Wanted- Lower castings for 3 pt hitch Cambria Co 814-674 8714

For Sale Oliver 4 btm cushion trip 3 pt hitch $400, 12 AC plow Shares $3 00 each Carbon Co 717 386 5678

For Sale- 1965 GMC 3/4 ton 4 whl drive pickup, new brakes & clutch 301-883-3722 before 8 a m Wicomico Co

For Sale- Steel encased thick glass panes, various sizes, avg 30"x48", $2 95 each per 100 at $2 00 each 717 587-5526 Lack /Wyo Co

For Sale- 1969 Buick Grand Sport 400, body in exc. cond, engine needs some repair, $750 or best offer 234-9178

For Sale- 12' Miller disc, needs hyds 215 589-5267 Berks Co

For Sale- New 1000 PSI pressure washer, $1,500, heavy duty 2 axle flatbed trailer $1000, disc $650. 717-324-2804 Tioga Co

For Sale- 1- 2 yr old bay TB filly & 1 yrlg Chestnut Quarter Horse Both for $1000 215-856 5098

For Sale- 3 pt. disk, 20 16" blades, asking $100 or best offer York Co 717-225 4921

Notice- For the party from Md who had advertised a 10' cattle body please call 717-273 9029

For Sale- 3 ton bulk bin, $100, 4 geese from last year Leb Co 717-949-3778

MAILBOX MARKET

For Sale- 1964 Jeep Wagoneer, first $400 cash, 6 farrowing crates w/feed boxes and waterers $35 each 717-529-6239 after 6 p m

For Sale- Milk goat due to freshen June 8th Lanc Co 215-445-6385

For Sale- 36" Magic Chef gas stove, like new condition, also 4 pcs new paneling Lanc. Co 717-529-2746

For Sale- Dried locust posts, $2 00 each Amos S Lapp, RD1 Weaver Road, Strasburg, Pa 17579, Lanc Co

For Sale- Seeds, alfalfa, oats, soybeans, Sehlessman seed corn, baler twine, plastic and sisal, herbicides, insecticides, fertilizers Lanc. Co. 717-786-3435

For Sale- JD 2 btm 14" plow, exc cond, large fine antique jelly cupboard York Co 717-382-4629

For Sale- 10' hyd wheel type disc $500, AC 5040 tractor $5500, hyd motor crane $250, Cecil Co 301-378-2086

For Sale- 1980 Ford F250 4x4, 19,000 actual miles, options that count $7500 Perry Co 717-438-3155

Wanted- Milk replacer mixer and scales for feeding veal calves, also hay wagon and conditions Bucks Co 215-795-2628

For Sale- Lazy J horse trailer, 7' ht, open sides, perfect condition, always kept in 301-452 5057 eves Harford Co

For Sale- JD #24T w/bale ejector field ready $1475, JD #894 5 bar rake $675, Can deliver Union Co 717-568-5413 after 5 p m

For Sale- Papec model L ensilage cutter in exc shape w/shredder heads and 2 sets knives 717-483-6714

For Sale 5 yr old purebred Morgan gelding, exc buggy horse. John R Zook, RD1 Voganville Rd, New Holland, Pa. 17557

For Sale- Dallas engineers stoker #60, new grate 60 lbs per hour, $500 Tread power one horse Keystone, perfect cond, $1600 215-827-7481

For Sale- IH mtd sickle bar mower with hand lift (fits F-12, F-14, C, H), 2 NH manure spreader rims, 13x24 717-889 3197

For Sale- Eng /West 16 hand reg Appaloosa gelding, has been in shows, parades, trails, $850 717-382-4714, 456 5896 York Co

For Sale 1976 Kawasaki 400cc ferring, luggage rack, 1974 Jawa 350cc $300, economic transportation 717-354-5779 Lanc Co

For Sale- 3-275 gal fuel tanks, NH hay crusher, JD 2 way plow, 9x8 overhead door, Ben R Beiler, RD1 Kirkwood, Pa 17536

For Sale- AC WD 45 with ldr, new paint, engine complete overhauled, good rubber, looks new $1950 Mont Co 215-489 7935

For Sale- Bush Hog chisel plow, 5 tooth $550, Gehl 87 blower $350, Both in good cond Leb Co 717-949-3847

For Sale- AKC Rottweiler pups, 6 wks old $225 717-532-2599

For Sale- JD 4 btm 16" trail plow, on rubber $400, 8x8" glass window blocks $1 00 each Huntingdon Co 717-483 6656

For Sale- Clean Int 456 corn planter with plastic fert hoppers, spray tank & insect units $700 Bucks Co 215 598 7357

For Sale AC WC tractor, bought new, 1945 used very little 717 626-5152 Lanc Co

For Sale- 3 sieves for Massey 510 combine w/triple screen shoe Lanc Co 717-529-2723

For Sale- McCormick Deering 12" 2 btm trail type plow on rubber 717-755-1364 York Co

MAILBOX MARKET

Wanted- Antique wooden crib, high chair, cradle wanted Reasonable priced Other antique baby accessories needed 215-484-2751

For Sale- 20x4 horse drawn grass seeder, Int corn husker, both good, $100 each Bedford Co 814-784-5872

For Sale- 5 hp Gilson tiller, 6 hp billy goat vacuum cleaner, JD #5 7' grass mower. 717-665-5513 Lanc Co

For Sale- Melroy skid loader or case skid loader 1537 both in good shape, after 5 30 p m Lanc Co 215-267-7445

For Sale- New Remington 44 cal 1860 Army Perc Revolver, in walnut case with acces $200 York Co 717-252-3794

For Sale- NI crimper, parts off Case 555 windrower Ford 3 pt. cultivators Best offers Chester Co 215-932-2339

For Sale- Chopper knives for AC chopper, also knives for case chopper 2-550 tanks, Best offer Chester Co 215-932 2339

For Sale- 11 farrowing crates with side panels & adjust rails, $50 each or all for $500 Sch Co 717 648-9022

For Sale- 300 gal skid fuel tank with hand pump, best offer Chester Co 215-459-4711 call before 8 a m

For Sale- NI 213 manure spreader, triple beater, Graetz web, good cond Lanc Co 215 267-7883

For Sale Two 10 34 rims to fit JD 40,420 or 430 Two 8 lug power adjust wheels, size 12-28 717-272-8501 Leb Co

For Sale- Dion forage wagon with roof & 3 beaters, 10 ton gear with high flotation $3500 32' Zimmerman elevator 717-532-7837

For Sale- JD 1240 plateless corn planter w/disk openers & insect hoppers Ready to go Union Co 717-966-3974

Wanted MH 22 with 3 pt hitch in running condition For Sale- New manure fork for M 236 loader $525 717-597 4782

For Sale- Two tractor tires and tubes, size 18-4-34 Tread is fare nobreak in side walls, good for duals 717 838 3665

For Sale- 790 NH manure spreader, ready to go, $2000 Also hay pick up head for late model NH harvesters $450 Lanc Co 717 426-2773

For Sale- NH mower guards, good shape, $1 00 each John Z Fisher, RD1 Box 303, Kirkwood, Pa Maple Shade Road 17536

For Sale- Gehl #50, pto, transport hammermill $250, Case transport 7½', offset disc, 20" blades, $300, Lanc Co 717 872 5712

For Sale Black ram lambs, nice wool, sired by Pa test station Hampshire ram York Co $85 717-862 3610

For Sale- NI flat bed wagon on rubber, $140, also Clark 7' disc harrow, $150 717-469-2897

For Sale- JD 999 planter w/disk openers, and plateless units, Gideon F Stoltzfus, Box 2276 RD2, Gap, Pa 17527

Sheep For Sale- 9 ewe sheep, 1 buck, plus 13 lambs Call Raymond Sauder, RD3 Ephrata, Pa 17522

For Sale- AKC Reg toy poodle, 8 wks old, Jonathan M Zook, Christiana RD11, Pa 17509 Lanc Co

For Sale- New 10 ton wagon w/11 L 15 tires & new 16' oak flat, $895 York Co 717-292-1343

For Sale- Purebred 2 yr old Shropshire rams to improve your purebred or commercial flock 717 949-3653 Leb. Co

MAILBOX MARKET

For Sale- Haylage for cash or trade for corn, beans, or heifer calves 717-393-4683 Lanc Co

For Sale- 5 good grade Hol heifers, due in May, corn silage Lanc Co 717-653-5344

For Sale- 1-400 gal air tank ¼" thick wall, 1-10' New Land roller, 717-656-9605

For Sale- 110 gal SS sprayer tank $100, 1 row IH corn planter for Cub or A tractor, $75 717-684-0143 Lanc Co

For Sale- Skid loader, 40 h p with hyd drive, JD 21' roto-hoe, 200' clay drop feed system Berks Co 215-678-5009

Wanted- Steel wheels for NH 256 rake-also 55 lb Delaval milker pails Samuel J Allgyer, RD2 Box 456, Parkesburg, Pa. 19365

Wanted- Hyd pump & motor with hoses for bale elevator Abram F Stoltzfus, 2936B Stumptown Rd, Ronks, Pa 17572

For Sale- Cream separator in good condition, also wooden butter churn 2 gal size in good condition Lanc Co 215-445-5887

For Sale- Fishing worms night crawlers David L Zook, RD1 Box 286, Christiana, Pa, along Bartville Rd

For Sale- JD KBA 20 disc, good cond Daniel F Smucker, RD1 Box 294, Christiana, Pa 17509 Lanc Co

For Sale- Super 66 NH baler, pto excellent shape, $400, 65 Corvair convertible, power top, auto, runs fine $900 Lanc Co 717-392 5834

Wanted- Homelite chain saw, C7 or C5 or C9 for parts, 717-266-1363

For Sale- Lifetime picnic tables, made of outdoor wood 717-354-984 or Dave Dienner, RD1 Gap, 17527

For Sale- #2 potatoes for seed or eating, $2 00 for 100 lb Elmer Martin, R2 Ephrata, Diamond Station Rd

For Sale- JD 43 corn sheller, Ferguson 3 pt cultivator, double hoers to fit Stauffer, 2 row transplanter Lanc Co 717-665-3215

For Sale Grade Hol heifer, pregnant 8 month, 6 reg heifers, 4 mos old, 10 farrowing crates Lanc Co 717-653-5811.

For Sale- 7' locust fence posts, sawed & tapered or round Elam H Beiler, RD1 Paradise, Pa 17562 Vintage Rd

For Sale- Polled Shorthorn cows with calves & heifers, also young bulls For appt 717-741 0088 or write Box 42, RD#3, Red Lion, Pa 17356

For Sale- Open buggy good condition, Amos Blank, Box 103, Ninepoints, Pa 17561 Lanc Co

For Sale- Sewer roter sr will clean up to 4" to 6" sewers, forward & reverse $500 firm Dauphin Co 717 566-0724

Wanted- 90-100" Howard rotovator Wayne Co 717-253 2063 good condition

For Sale- 12 h p Wheelhorse tractor w/mower $1200 with mower and sickle bar $1500 Herman H Heberling, RD6 Lebanon, Pa 17042

For Sale- 620 MF disc harrow, 12' cut, 24" disc blades, w/gathering discs, exc. cond Lanc Co $3400 215-267-5624

For Sale- Agstar 16 crate self-contained sow castle with 8 nursery pens Lanc Co 717-653-5775 after 6 p m

For Sale- Reg Polled Dorset ewe & ram lambs. Champion bloodlines York Co 717-637-8002

For Sale- Firewood, $8 per pickup load Lanc Co 717-733 0058

MAILBOX MARKET

For Sale Tame Guernsey heifer, fresh two weeks, 36" Caloric gas stove, Isaac H Zimmerman, Linden Grove Road, R1 New Holland, Pa 17557.

Wanted- 1 row Holland transplanter For Sale- 1966 Ford truck w/feed blower, Fox 1000 pto harvester, good. 717-354-9136

For Sale- Potatoes, 50 lb $4, Pickouts $1 80, 10 bags $3 90 each, North of B Z. Mellinger Ford, New Holland, Pa, first farm left.

For Sale- JD 65 riding lawn mower, like new, $600. Sch Co 717-425-2468 after 5 p m

For Sale- AKC White Shepherd females wormed & shots, also male & female Huskies Free to good home 717-386-2730 Sch Co

Wanted- Shopsmith Mark 5 or 7 can be an older machine, planer 12" .or larger, metal lathe almost any size. 717-438 3516

For Sale- Troy Built roto tiller, 6 h p. Jerr Dan 4 ton wagon chassis, Appaloosa stud, 10 mos old 717-784-5261

For Sale Brady chopper 72" wide, can chop on wagon or ground, Green blower stalks, cond 215-678-9717 Berks Co

For Sale- Hydro 8 roller pump & Century 6 roller pump, like new, both with quick couplers, Lanc Co 215-484-2228

MAILBOX MARKET

For Sale- 15 grade heifers due June-Sept. Marvex, Rocket, Harrisburg Gay Ideal daughters Christian K. Miller, R1 Strasburg, Pa 17579

For Sale- NH hay crimper, NH hay baler, NI fert. drill, JD wheat drill, spring harrow, Farmall A tractor 717-786-3618.

For Sale- Mechanical tobacco planter ready for field, also used log roller Levi R Miller, 238 Newport Rd, Leola, Pa 17540

For Sale- Breeding problem cow, 4 yrs old, Dam VG 88 making 800 fat. 717-687-8893.

For Sale- Glenco 13½' field cultivator, midwest rake, MF diesel 300 combine Leb Co 717-949-3077

For Sale- Tame gelding good trail horse, $600. 2 hole corn sheller $50, 55 gal drums $5 Leb Co 717-949-3259

For Sale Clover seed $56/bu, No 20 Zimmerman grinder & mixer, $100 215-445-6885

For Sale- Farmall 656 dsl, narrow front, reconditioned, $6500 215-932-9841 Chester Co

For Sale- 8½' Miller disc, heavy duty, Case grain drill, 16 single disc, 494 JD corn planter, 4 row 814-634-8745

For Sale- 3 section 9' JD harrow, also 2 hole Pride of the Farm hog waterer Lanc Co 717-354 9916

Lancaster Farming
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• CHANGE OF ADDRESS?

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Check the proper box and fill in your name and address. Attach your check, $7.50 per year or $13.00 for two years in PA, MD, DE, NJ, NY, VA and WV. (All other areas - $14.00 per year, $24.00 for two years.) Payment must accompany order.

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☐$13.00 - 2 YEARS ☐$24.00 - 2 YEARS

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☐CHANGE OF ADDRESS
☐RENEWAL

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☐CHECK ☐CASH ☐MONEY ORDER

(Please supply information in full.)
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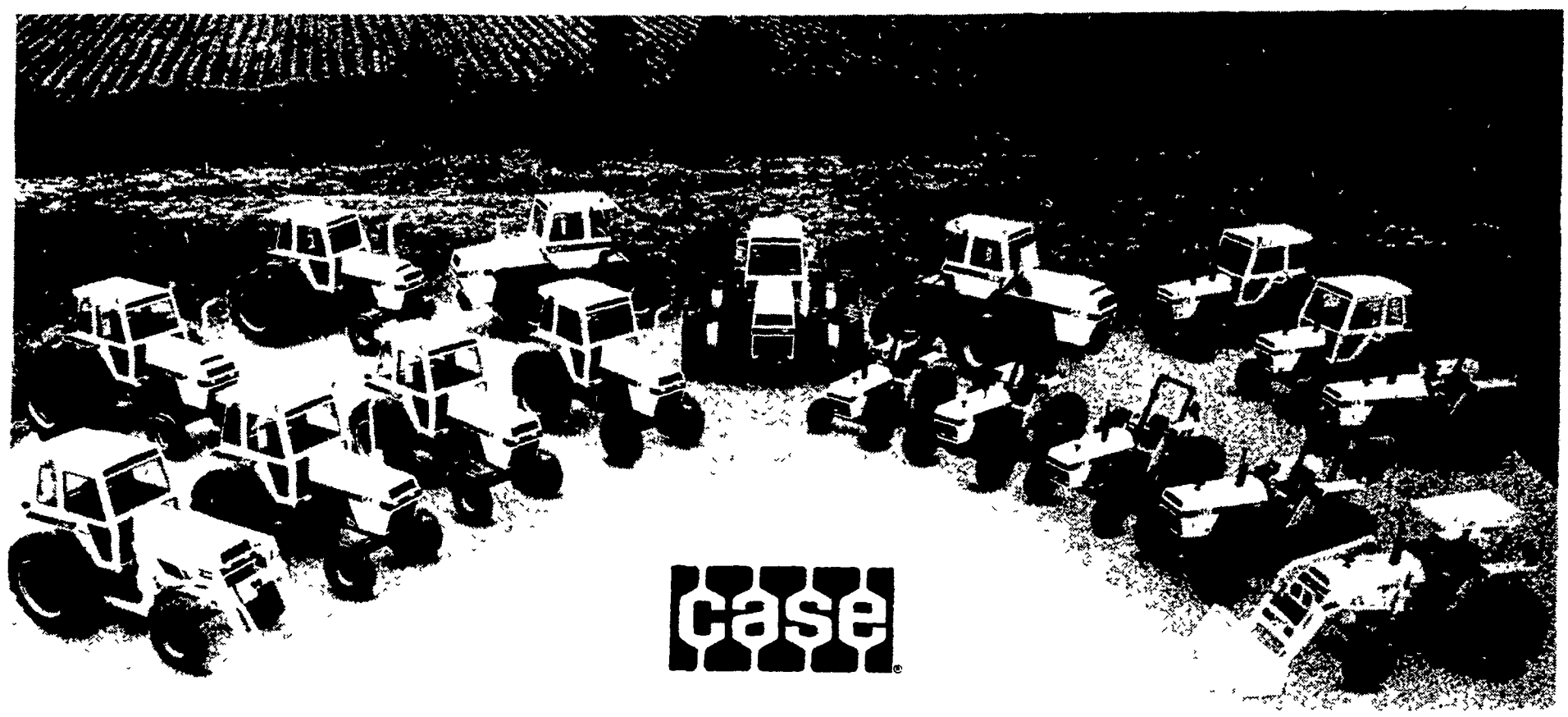
STATE _____ ZIP CODE _____

Why Should I Consider a New CASE Tractor Now More Than Ever Before?



REASON #1: Lower investment costs which means less interest to pay by taking advantage of one of the largest J.I. Case Factory Rebate Progams ever offered. (Time limited)

Buy a new Case 1190, 1290, 1390, 1490, 1690 (43* to 90** pto hp – 32 to 67 kW) . . . get a check from Case for **$2000**

Buy a new Case 2090 or 2290 (108 129 pto hp* – 80 96 kW) . . get a check from Case for **$5000**

Buy a new Case 2390 or 2590 (160 180 pto hp* – 119 134 kW) . . get a check from Case for **$6000**

Buy a new Case 4490, 4690, 4890 (210 261 300 eng hp* – 156 194 223 kW) get a check from Case for **$7000**

plus...special factory selling allowances

to make your trade worth more than ever before

...or choose this optional combination

Split rate financing...

10%/15%

A P R. finance charges for the first 11 months

A P R. finance charges for the balance of your contract

...on purchase of any new Case farm tractor

With Case split rate financing an Annual Percentage Rate (A P R) of 10% will be applied for the first eleven months of the contract On the remainder of the contract the A P R will be 15% Purchase must be financed through J I Case Credit Corporation

Example of 10% 15% A.P.R split rate financing on purchase of new Case farm tractor

Cash price of tractor	$47 500 00
Down payment — cash and/or trade in	14 250 00
Amount financed	$33 250 00
Number of payments	three
Payment at 8th month	$12 952 21
Payment at 20th month	13 674 43
Payment at 32nd month	13 674 43
Total of payments	$40 301 07
Finance charge — $7 051 07	
Sales tax as applicable	
Insurance charges not included	

In this example the composite **ANNUAL PERCENTAGE RATE** for the length of the contract is 12.40%.

...plus a check from Case

$1000	$2500	$3000	$3500
for 1190, 1290 1390, 1490 or 1690	for 2090 or 2290	for 2390 or 2590	for 4490 4690 or 4890

Important: If you buy any new Case farm tractor listed in this ad between March 1 and April 30, 1982 Case will send you a check for the dollar amount indicated in the offer you choose The amount of your check may be applied toward your down payment **NOTE** *Government Agencies/Departments do not qualify for rebates*

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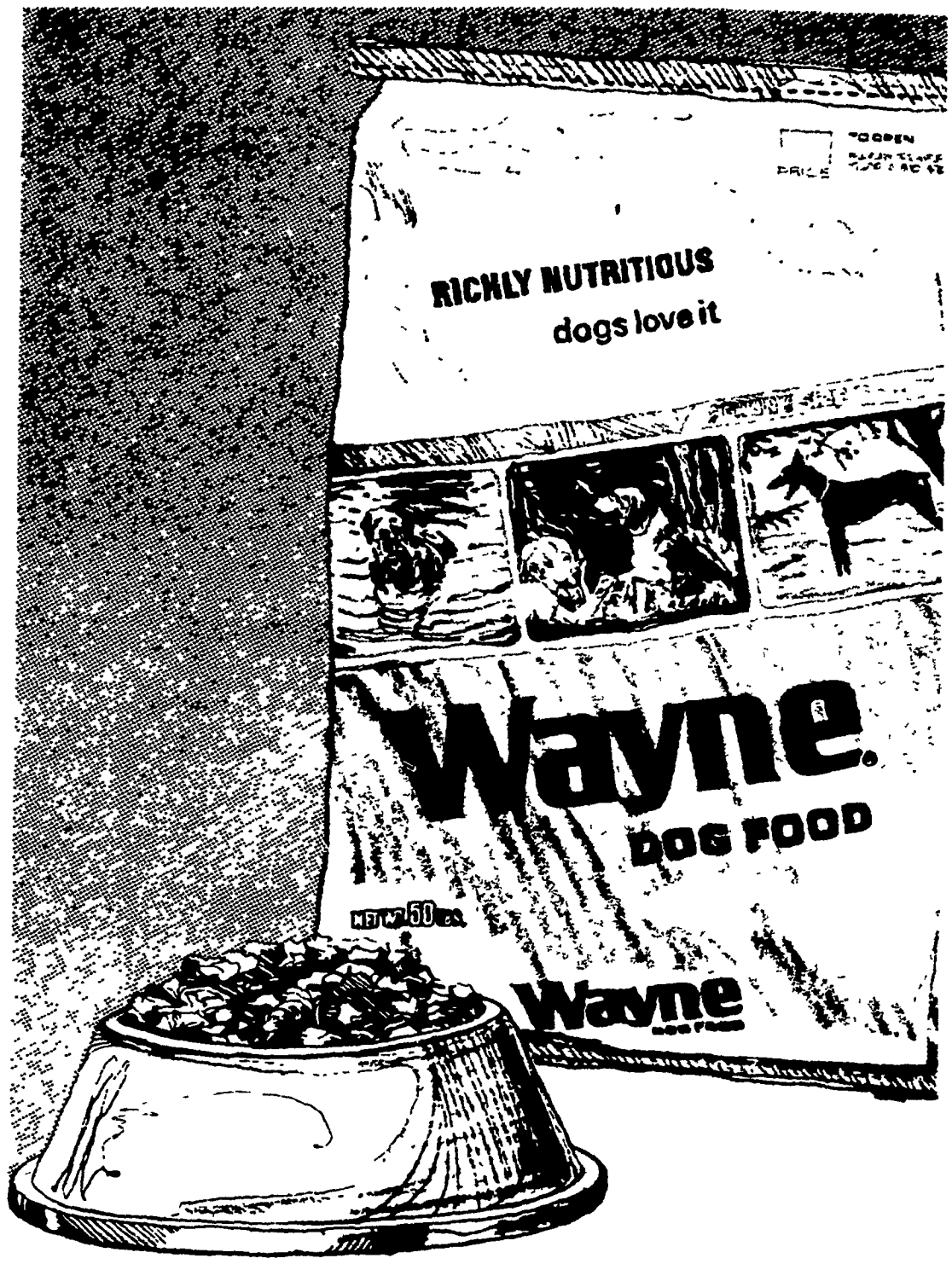

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Outer space brings measures for soil moisture

BELTSVILLE, Md. — A new moisture meter can "see" soil moisture as deep as six inches below the surface of the earth, according to Thomas J. Jackson, a hydrologist at USDA's Beltsville Agricultural Research Center.

Information about the soil's water content could permit farmers to manage irrigation to best advantage, Jackson says. This means that farmers could, depending on their situation, plan to save water, save energy, or increase crop yields, he said.

Currently irrigation is planned by visual observations, computer models and by measurements with a water-detecting probe. But the extensive sampling needed to give reliable information is costly and time-consuming, Jackson noted.

"Our goal is a remote water-detecting system that could provide daily soil moisture measurements for individual farms over large areas," said Jackson. This would be a source of very accurate information for irrigation management and other agricultural uses.

Now, at the Beltsville Agricultural Research Center, soil moisture is measured with a microwave detector that is similar to a radar dish or disc mounted high above a truck, reported Jackson in a recent International Geoscience and Remote Sensing Symposium. Co-authors were Thomas J. Schmugge and James R. Wang of NASA's Goddard Space Flight Center. NASA developed the equipment for this project. Scientists of the Hydrology Laboratory, part of USDA's Agricultural Research Service, are evaluating the equipment.

The truck experiments are part of a series of tests whose goal is sensing of soil moisture and crop conditions from outer space. The intermediate step will be to use an aircraft-carried moisture meter and to compare the results with measurements from the ground. (Such comparative tests are called ground-truthing.)

Along with the microwave detector, other types of meters are used to provide valuable information to farmers. Visible and near-infrared detectors measure the amount of plant material, or biomass, to indicate the stage of development of the crops and help estimate yields. Thermal infrared detectors measure the temperature of the vegetation; this can be used as an indicator of plant stress from water shortages or other causes.

Microwave sensing for determination of soil moisture is currently used by the Soviets for irrigation management, Jackson said. Three aircraft monitor a 250,000-acre area in the USSR on a weekly basis. Their system was tested both in 1977 and 1978, and was found to be economically feasible. It has been in regular use since 1979, according to Jackson.

The moisture-sensing project of the Agricultural Research Service is part of a larger project called AgRISTARS (Agricultural Resource Inventory Survey Through Aerospace Remote Sensing), which involves cooperation between USDA and NASA, as well as the National Oceanic and Atmospheric Administration, the Department of the Interior, and the Agency for International Development. Other projects of AgRISTARS are related to detecting crop stress, estimating crop production in the U.S. and foreign countries, determining land use practices and effects of pollution on freshwater environments.

The Army Corps of Engineers plans to use the soil moisture information obtained by the moisture meter to help forecast floods. The Soil Conservation Service also is interested in this quantitative data for preparation of its weekly drought map of the United States, which is now based mostly on qualitative information.

New technique aids soybean development

ATLANTA, Ga. — A new early generation testing method, which enables soybean breeders to identify potential new varieties in half the time required by traditional techniques as described recently by a midwestern soybean breeder for the U.S. Department of Agriculture.

Richard L. Cooper, USDA-ARS scientist and professor in the Department of Agronomy at the Ohio Agricultural Research and Development Center, Wooster, reviewed early generation testing (EGT) during sessions of the 1981 annual meeting of the American Society of Agronomy.

Cooper started using EGT in his crossing and selection program more than a decade ago. While some soybean breeders question the reliability of the speed-up selection, Cooper had half a dozen new varieties released in as many years to back his conviction that EGT is faster and just as effective.

The Ohio scientist said the two traditional breeding methods used with soybeans are standard pedigree selection and single seed descent. In the older pedigree selection method, a breeder made an initial cross of parent lines then depended on visual estimates of yield in early generations to determine which plants to keep in his selection program. Actual yield date weren't available until 5 years after the cross was made (F_6 generation).

The single seed descent method, coupling greenhouse plots with field plots, permits sampling more potential lines, but still means almost 4 years elapse before the breeder gets actual yield data on a promising line.

Cooper's EGT method, which has resulted in his development and release of five new semidwarf soybeans (Elf, Gnome, Pixie, Sprite, and Hobbit) and one indeterminate variety, Amcor (for production in marginally productive fields), lets him begin yield testing the F_3 generation, or only 2 years after his initial cross. This means he's likely to be wasting time growing crosses with low yield potential. Instead, he can devote his full attention to more promising crosses based on actual yield measurements.

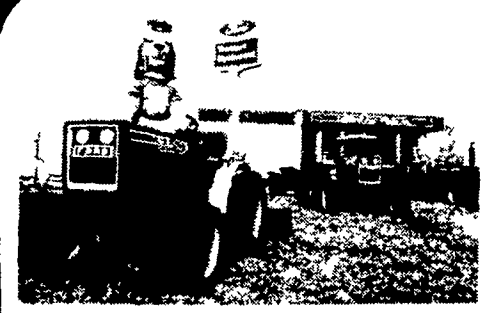
With the EGT method, Cooper evaluates yield potential in the F_3 and F_4 generations of his cross. Then, the following year he takes the most promising crosses based on yields and pulls single plants for future testing as pure lines. So, by the time the new line is in the F_5 and subsequent generations, Cooper is relatively certain he has pure lines significantly better than the parents with the genetic traits he originally set out to combine in his initial cross.

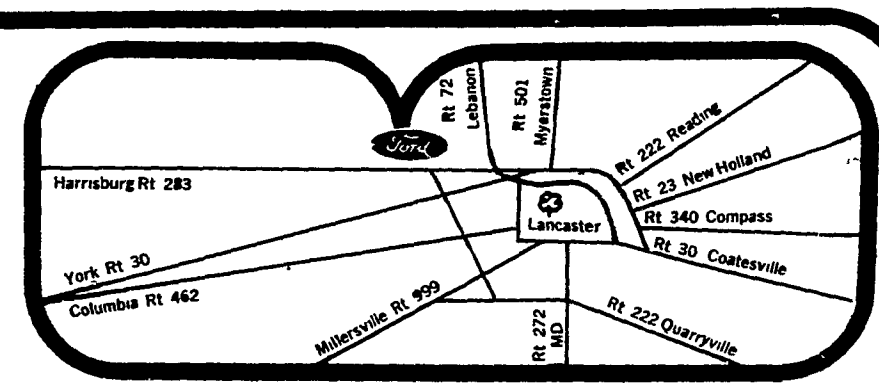
Cooper's faith in his early generation testing has been substantiated by yield data from commercial farmers who have grown his Elf and Gnome varieties — and by producers of both Registered and Certified class seed of two of his newer semi-dwarfs, Sprite and Pixie.

Cooper admitted that while "it's a game of probabilities," his EGT method has worked effectively in Ohio's cooperative state-federal soybean breeding program. Some private breeders have started using EGT, but it still is not widely used.

When anyone expresses doubts about the accuracy of early generation testing, Cooper just points to the five semidwarf varieties. "I used this system to pick two superior yielding F_2-derived lines in the F_4 generation which originated from a cross of Williams by Ransom. These two lines ranked first and second in yield in a test containing 100 F_2-derived lines representing 34 crosses," Cooper explained. By the time he harvested the F_7 generation, he was certain he had something!

All five of his high-yielding determinate semidwarf varieties — each with different gene combinations representing a maturity range of 2 weeks — can be traced back to the two F_2 lines he selected on the basis of early generation testing.





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Dauphin County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

February 1982

OWNER	BREED	NO COWS	LBS MILK	LBS. FAT
Restful Acres	H	80 3	18,780	681
Robert J Schaffer	H	62 2	18,126	669
John Hertzler	H	70 5	17,187	664
Calvin B Mauser	G	67 8	14,100	652
Roy M Brubaker	H	62 0	18,830	648
Larry R Boyer	H	22 1	17,586	645
Catalpa Farms	H	114 5	16,924	642
Earl Campbell	H	54 0	15,911	623
Wil Lene Farms	H	58 6	17,478	623
Robert H Beach Jr	H	45 2	16,514	622
Paul L Crissinger	H	82 3	16,543	617
Harold M Nissley	H	44 5	17,394	617
Dale F Faust	H	31 7	16,751	612
Donald Engle	H	59 6	16,112	609
Lytle Farms Inc	H	100 9	16,410	607
Isaac K Newswanger	H	44 2	15,588	607
J Melvin Brandt	H	69 4	15,814	606
Elwillo Farms	H	116 3	16,122	604
J Richard Alwine	H	51 2	15,725	600
Stoney Lawn Farms	H	71 0	16,592	593
Wilmer Campbell	G	60 5	13,304	584
Paul E Clugston	H	81 9	15,580	582
Roy C Wilbert	H	26 8	15,828	575
Earl E Keefer	A	80 8	14,364	567
Robert Oellig	H	36 6	14,632	566
Henry Keiter	H	48 6	15,070	566
Lauden Farms	H	152 3	15,456	564
Frank Wagner, Jr	H	56 4	15,187	561
Mahlon L Lehman	H	50 9	15,409	558
James Lesher	H	40 4	15,194	556
John Roy Book	H	56 2	15,218	556
Great View Farms	H	53 1	15,138	552

OWNER NAME OR NO	AGE	LBS MILK	% FAT	LBS FAT
John Hertzler				
Star	7 1	23,055	3 4	793
Ginny	2 11	15,325	4 0	618
Conewago Farms				
GR 14B	4 2	18,650	3 4	628
Earl E Keefer				
Bette	7 10	8,563	3 9	337
Calvin B Mauser				
Mandy	5 1	14,803	4 7	699
Eve	4-2	14,046	4 8	680
Peace	3 1	15,111	4 3	652
Robert J Schaffer				
Iva	10-8	17,881	4 0	709
John Roy Book				
Zina	8 11	18,061	3 7	667
Pat	8 6	18,611	4 1	756
Lee R Swelgard				
Nell	7-5	19,027	3 4	655
Becky	3 7	18,522	3 6	658
Stoney Lawn Farms				
Storm	6-10	21,593	3 2	690
Lady	4-7	22,117	3 6	799
Carolyn	3-6	17,221	3 9	666
Lytle Farms, Inc				
Carman	8-5	24,091	3 4	826
Ava	7-4	18,446	3 4	628
Pam	3 8	21,236	3 2	672
Brenda	3 7	19,297	3 7	711
Diget	3-5	23,860	3 2	753
Paul L Crissinger				
Melody	7-4	20,994	3 6	756
Miracle	5-4	21,991	3 9	860
Blacky	5 4	19,631	3 2	638
Nancy	4-4	19,664	3 8	744
Chrysta	3-1	16,428	4 2	690
Rhonda	3-1	19,250	3 4	646
Walter Schaffer				
Ora II	3 10	17,713	4 3	767
Harold M Nissley				
Olga	5 11	19,516	3 4	657
Celia	4 8	22,669	3 1	708
Jann	4-5	17,606	3 5	608
J Richard Alwine				
Candace	4 0	14,917	4 4	650
Homer Campbell				
142	3 3	19,615	3 8	741
Catalpa Farms				
Caro	4 5	21,298	3 5	753
164	2-1	17,810	3 8	684
Restful Acres				
Nadene	7-5	18,503	3 9	714
Katrina	5 6	28,646	3 1	890
Jessica	4 3	19,022	3 7	712
Robert H Beach, Jr				
100	5 11	17,298	3 8	655
Lauden Farms				
Joan 30	5 11	16,520	4 4	724
114	4 5	21,786	3 6	795
75	3 1	17,068	3 6	618
132	ng	18,544	3 6	663
26	ng	17,943	3 4	619
Frank Wagner, Jr				
132	4 9	21,908	3 3	733
Donald Engle				
88	5-10	15,943	3 8	606
44	ng	17,004	3 7	633
Roy M Brubaker				
Anna	7 3	20,493	3 4	685
Arlene	9 6	19,761	3 4	672
Isaac K Newswanger				
10	5 0	15,802	3 8	604
33	3 5	17,569	3 7	651
Sher Mar Acres				
88	6 6	17,576	3 8	672
Paul E Clugston				
22	3-4	15,336	4 0	614
38	ng	15 518	3 9	612
Raymond Belack				
Ginger	3 11	20,061	3 4	682
Mary	3 11	18,808	3 5	651
Wil-Lene Farms				
54	3-2	21,719	3 4	737
57	3 2	22,885	3 2	735
Arthur Brandt				
Texal	8 1	15,743	4 0	623
Elwillo Farms				
151 R	7-2	24,109	3 5	852
Larry L Boyer				
Elsie	6-4	18,154	4 1	750
Dale F Faust				
Gal	11 10	15,261	4 1	624

Franklin County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

February 1982

NAME	BRD	NO COWS	LBS. MILK	LBS. FAT
R V & S V Hollenshead	B3	32	22,839	851
Frank S Heberlig	3	45	20,257	780
Oakleigh Farm	3	96	19,378	753
R V & S V Hollenshead	B3	51	18,974	732
Wayne A Hall	3	37	19,199	708
Carl O Stuff	B3	46	20,341	702
Robert E Harwood	3	85	19,060	700
R C & J R Shoemaker	3	33	18,861	700
Donald L Brechbill	B3	32	18,703	690
Elmer & Frank Ressler	3	37	18,256	689
Dennis W Bricker	B3	33	18,714	687
Ray R Kane	B3	28	17,258	687
Burk Lea Farms	3	124	19,523	685
Kenneth E Oliver	3	28	17,683	685
Ray Wingert	3	58	17,737	685
Lester D Fortna	3	43	18,427	685
Norlo Farm	3	136	19,043	682
Gaymere Farms	3	170	17,668	680
J C Young Jr & Son	3	60	18,450	679
Richard Harshman & Son	3	70	18,279	679
H Lester Oyler Est	3	69	17,624	677
R C & C B Allison	B3	162	19,446	677
J Eldon Crider	3	48	17,890	659
Harold Goshorn	B3	77	17,072	659
William C Ile	3	38	18,092	658
Aldus Eby	B3	55	20,027	655
Mark W Meyers	3	78	17,228	654
Lester & Alvin Meyers	3	54	17,440	653
Dale Wadel	B3	51	17,041	653
Keeners Dairy	B3	108	16,546	652
Culbertson Green Farm	B3	99	17,867	650

Listed below are completed lactations of 850 lbs of butterfat or over

OWNER NAME OR NO		AGE AT CALVING	DAYS IN MILK	LBS MILK		LBS FAT
Ray Wingert						
69	RH	7-6	305	22,264	4 2	939
H Lester Oyler Est						
Stel 113	RH	6-1	305	24,374	3 8	930
Burk Lea Farms						
189	RH	4 8	305	26,083	3 6	927
R C & J R Shoemaker						
Rosie	GH	7 0	305	26,627	3 5	922
Lester & Alvin Meyers						
158	RH	6-4	305	21,952	4 2	919
R V & S V Hollenshead #2						
82	GH	3 11	305	24,444	3 7	905
James Burdette						
Del	RH	5 1	305	23,277	3 9	900
R C & J R Shoemaker						
Marie	RH	3 8	305	24,192	3 6	882
Norlo Farm						
121 A	RH	5-7	294	21,637	4 1	877
Roy A. Sollenberger						
26	GH	4-1	357	22,301	3 9	872
Burk Lea Farms						
83	RH	3-2	295	23,388	3 7	868
R V & S V Hollenshead #2						
72	GH	5-6	305	22,891	3 8	868

(Turn to Page C4)

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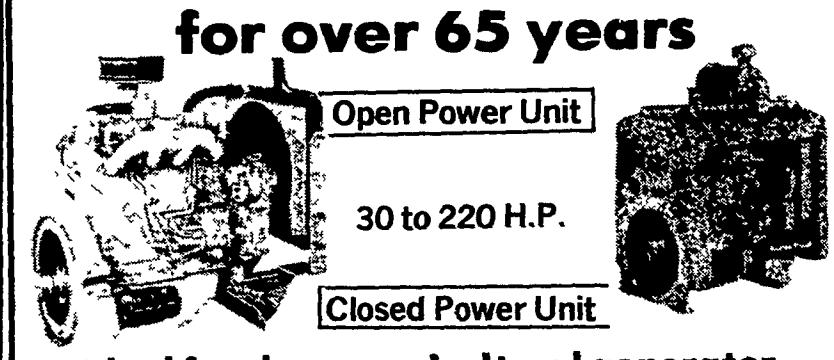

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"Hockey stick" leaves no sporting chance for small farm weeds

KEARNEYSVILLE, WV — At first glance, William V. Welker's creation looks like a prop from the science fiction movie **Rollerball** - a jet-powered hockey stick with "fuel tank" and modified blade, ready for battle in Tomorrow's scary sports arenas.

But only weeds need fear this converted hockey stick, according to Welker, head of the weed science program at the USDA Appalachian Fruit Research Station. The contraption is really a hand-held herbicide wiper, part of a growing arsenal of application techniques bringing full-season weed control to the nation's 1.3 million small family farms.

This weed research is part of a larger U.S. Department of Agriculture effort to solve the problems of small farm operators.

"Given the great diversity of conditions and farming philosophies, no single means of curbing weeds is suitable for all small farms," said Welker. "In most cases, however, integerated weed control techniques using herbicides, mulches, mechanical cultivation, and some biological controls are now available."

Welker and plant physiologist John R Teasdale of the Beltsville (Md.) Weed Science Laboratory discussed the success and future of USDA's small farms weed research at a recent Beltsville symposium.

With full-season protection now a reality, small farm operators and extension agents can identify the weeds present in a field and tailor a weed management and crop rotation system that will provide both short- and long-term control, they said.

In the past, small-scale agriculture's relatively complex multi-cropping practices had prevented the direct transfer of some of our weed management know-how from the large farm to the small.

On many of the nation's small farms, however, limited acreage is intensively farmed with as many as three crops a year. Herbicides must not only be chosen for their ability to curb weeds, but for their compatibility with succeeding and adjacent crops, said Welker.

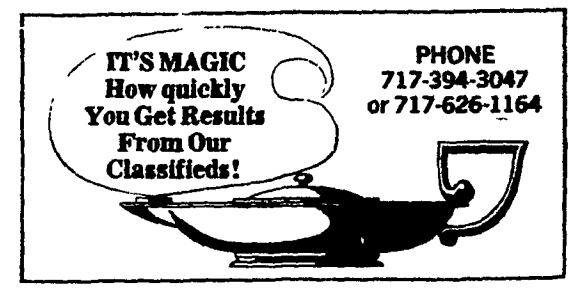
In these and other situations, operators of small farms can often achieve their best results by using herbicides in conjunction with mulches, mechanical cultivation, and biological controls, the two Agricultural Research Service scientists believe.

In fruit orchards, timely cultivation between trees will keep perennial weeds from establishing. Plastic, straw, or other mulches not only curb unwanted plant life, but provide favorable soil moisture, temperature, and aeration, often leading to increased yields and early ripening. Biological controls have the potential to curb particular problem weeds in perennial horticultural crops and reduce pressure from a specific weed surrounding cropping fields.

Making sure that weeds receive no sporting chance on small farms has meant developing inexpensive, specialized application techniques such as the hockey stick/herbicide wiper, Welker noted. The "fuel tank" holds an all-purpose herbicide, which is drawn downard by gravity through plastic tubing to the stick's sponge-covered blade, which is then wiped over the leaves of weeds.

Other USDA advances include a small-scale, over-the-row applicator and devices that lift and spray underneath crops, reduce spray drift, and place a protective layer of activated charcoal between a seed bed and a herbicide. These techniques will meet the small farmer's need for flexibility in cropping and weed control, said Welker.

"Making the small farm operator aware of these innovations will be an important task of agricultural extension agents," Welker said. "A vigorous effort will ensure that this and future USDA research will benefit small family farms."

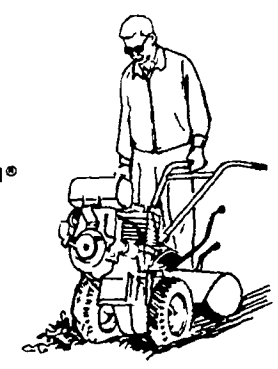


Franklin Co. DHIA

(Continued from Page C3)

George Skelly Vonda	RH	6 6	305	23,914	3 6	867
William Reynolds Annie	RH	4-7	305	24,826	3 5	866
Lester Fortna Lulu	RH	7-2	305	23,123	3 7	862
Burk Lea Farms 109	RH	3 9	305	27,216	3 2	858
Robert E Harwood 7	RH	5 6	305	25,093	3 4	857
Robert N Brechbill 22	RH	4-10	305	20,999	4 1	857
H Lester Oyler Est Gery 123	RH	5-5	305	21,910	3 9	850

ACCEPT NO SUBSTITUTE!



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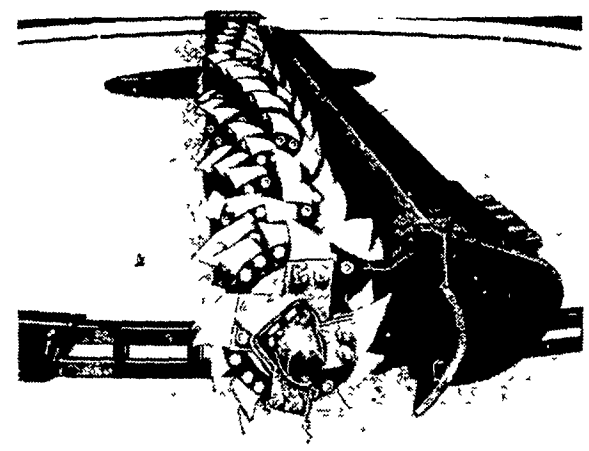

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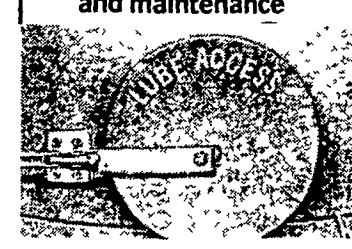

SPECIFICATIONS — BOTTOM UNLOADER

Sizes	Silo diameter 16' 20'-24'	Ring drive	1/2" x 4" steel driven ring 2 HP Electric motor with 2 GPM pump and 2 gal reservoir Dog hydraulic cylinder (2 1/2" bore, 1 3/8" stroke, 1-1/4" stainless steel piston rod) Advance hydraulic cylinder (3-1/2" bore 8" stroke, 2" stainless steel piston rod)
Router.	3/16" thick spring steel fastened to flighting with 5/16" grade 5 zinc plated bolts		
Flighting.	8" dia 5/16" thick helicoid steel		
Auger tube	4-1/2" OD tube 674" thick wall		
Stub shafts:	150,000 psi tensil strength		
Outer bearing:	Self aligning 2" spherical sealed double roller bearing	Control panel	Factory assembled, contains 0 25 amp meter for 2 HP motor and 0-75 amp meter for 10 HP motor, contact switches, breakers, control room light (150 watts) hour meter and auger position indicator light
Inner bearing	Self aligning 2" Timken sealed double roller bearing		
Drive train.	10 HP farm duty electric motor V-belt drive (2 1 ratio), Right angle drive gearbox (5 1 ratio, 17 56 HP rating) Double #80 chain drive	Paint	High zinc content for maximum protection

Call for more information

TERRE HILL SILO CO. INC.

TERRE HILL, PA 17581
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SALESMAN:
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FARM EQUIPMENT

For Sale - Repossession 1980 Hesston 1070 7' Windrower w/step guards. 717-758-3915

8' snow plow for JD 3010 or 3020 717-569-0969

JD 2020 diesel, 1800 hours 814-793-4293

Custom bilt double chain wooden conveyors and tapered board feeders. Also flat bed and hay rack wagons and single, double and triple trees, up to 8 horse hitches. Yokes. Samuel K Stoltzfus, 550 Beechdale Road, Bird-in-Hand, RD #1, Pa. 17505

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(2) Clark 4000 lb. capacity forklifts, propane powered, solid tires, $1750 ea.

AC model HD-3 bulldozer w/6 way hyd. blade, undercarriage fair cond. $3750.

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1976 7060 AC tractor w/cab, duals 20.8x38 excellent condition. Call 215-932-2753

IH 710 6 bottom auto reset plow, 16" shears, $3,380. Call 201-832-7154

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FARM EQUIPMENT

White 2-105, cab, low hours, exc. cond. 814-793-4293

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Combine, 3300 JD, 422 hrs., looks like new. 814-926-3669

For Sale - JD 70 gas, original paint. 814-793-4293.

1750 Oliver diesel. Just overhauled. $6500. 301-833-1847.

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Hydra Fold Auger Inc. - 6" or 8" gravity box auger; truck auger; grain bin drive unloading unit; little red toy wagon. 149 N. Market St., Paxton, IL 60957. 217-379-2614

CORN FODDER EQUIPMENT FOR SALE
MC 5' Corn Chopper
NH 55 & 56 Hay Rakes
NI 402 wheel rake, $600
Farmhand 5 wheel rake
NH 268 Baler
NH 24' & 30' elevators
717-687-6553 or
717-687-8021

FARM EQUIPMENT

JD 4020 Power Shift For Sale or Trade. 301-795-9631

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

JD 4020 diesel, dual hydraulics, year-round cab, exc. cond. 814-793-4293

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw- in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

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Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

FARM EQUIPMENT

JD 730 diesel, electric start, 3 pt. hitch, fenders, exc. cond. 814-793-4293.

For Sale - 2 row corn planters w/JD Max-Emerge units. JD and McD horse drawn planters converted to plateless. Also plateless units for self installation $550. per set. Instructions are included. Gideon F. Stoltzfus, Gap RD2 Box 2276, Lanc. Co. 17527

For Sale - Oliver 2 bottom 12" or 14" Raydex plows, JD KBA 20 and 24 disc, 8' or 9' cultipackers, NI transplanter one row. 717-687-6553

Ford 311 4 row corn planter, set on 30" rows, ready for planting. 215-777-1918 or 775-2568

For Sale - JD 2510 diesel tractor; Also Mustang skid loader, both in good cond. 717-532-7054

1 #7 McCormick horse drawn mower, ground driven, complete; 1 row McC.-Dering horse drawn riding cultivator, complete; Ontario 9 hole grain drill, horse drawn, good cond.; 3 section comb. spring harrow, good cond.; 2 section spike harrow, good cond.; 1 platform scale, good working order. 215-759-1981

FARM EQUIPMENT

2 manure spreaders-John Deere N,NI #17; 2 trailer plows-#44 John Deere 2-14 hyd., #44 John Deere 2-16. 215-445-5188

Brady Soybean Cooker; Hesston Hyd. 1014 Mower Conditioner; Century Mist Sprayer; JD 1300 Bean Planter. 717-933-2470 or 933-2732

82 MH Combine will sell for parts. 215-826-4440

For Sale JD tractor, loader and backhoe, completely rebuilt like new condition, asking $4,800. 717-273-6309 anytime.

For Sale - JD 4010 gas tractor, good cond.; Also Model 256 NH hayrake, never used. 717-532-7054

For Sale - Howard Rotovater model ST 180 180" cut 1000 rpm. Category 2 or 3 hitch, some extra parts, good condition. Reasonable, Albany NY area. 518-677-3946

For Sale - Twentieth Century heavy Duty 295 AMP welder and carbon arc torch, rods, $300. 717-933-8676

For Sale - 3 pt. 3 bottom National plow $300 negotiable. 717-586-4061 Lackawanna Co.

FARM EQUIPMENT

For Sale - 2 Brillion 8' packer-seeders; 1 NH 404 hay conditioner. 717-687-6553 or 687-8021

JD 2 cycle gasoline engine, as is $35 for parts. 717-246-1786

1972 Int. cab and chassis, good engine, transmission needs repairs. As is, $1195. 717-246-1786 after 4 p.m.

IH 1566 turbo - factory cab air, heat radio - 1780 hrs. A1 all original $17,250.00, AC 180-D-WF, PS, 3 pt. all new tires A1 $7,450.00 - plows Oliver 548 - 5x18 in. spring reset (semi mounted) A1 $3,850.00 - Avaco 279 Cut-o-tioner 9 ft. cut, nearly new $1,895.00 - Avaco side delivery rake (new) #125 - $1,150.00 - John Deere 440 gas track loader - fair - $2,950.00 - John Deere 350 - D dozer, all way hyd. blade A1 $9,450.00. Wood chipper-grinder, Pequa machine works - W4 P.T.O. model trailer type A1 $1,650.00. Cash or Certified Checks only delivery can be arranged from Candor, N.Y. Call 607-659-7367, at 6:30 AM or 8:00 PM Only

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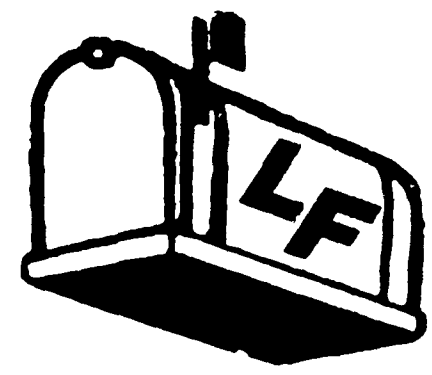

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37 - $5.92	38 - $6.08	39 - $6.24	40 - $6.40

FARM EQUIPMENT

Excellent 357 NH grinder mixer, asking $5,200. 814-448-3088

7G crawler loader, very good condition, asking $10,900. Will consider trade in. 717-367-9773

JD 4010 diesel, wide front, excellent. 814-793-4293.

JD 2510 gas, excellent. 814-793-4293.

JD 4320, 2400 hours, cab, exc. cond. 814-793-4293.

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Palco stock handling equipment, squeeze chute 10-8' corral sections, creep feeder, new 865 bu. corn crib, never erected, $2,500, offers. 717-395-3364

16 - Hale, disc, grain drill on rubber. Tractor drawn, excellent condition, used very little $750. Call Raab Fruit Farms. 717-244-7157 York Co.

Wante - WFE for John Deere 3010. 609-886-1962 after 7 P.M.

For Sale - JD 7000 Max-emerge 6 row liquid corn planter, insecticide boxes, monitor 1 year old, used on 400 acres. Reason for selling - discontinuing corn operation. 607-324-2208

FARM EQUIPMENT

New E-Z Trail farm wagons, wagon beds, feed carts, plastic fence posts, 6'-$2.40 each. B. John Stoltzfus, Gap R#1 Millwood Road

8 row White planter, excellent condition, 1 year old. For information call 215-932-2753

JD 4240 quad shift trans cab/air, FM stereo, hyd. float seat. Excellent condition. 717-745-3233

For Sale - Brady V chisel plow, 7 tooth, with gauge wheels, $1300. Huntingdon Co. 814-667-2297.

For Sale - JD 1450 6B Semi-Mounted plow. 609-655-1341

Golf carts gas and electric 3&4 wheel, running condition $250 up. 215-489-1400

For Sale - Oliver 77 belt pulley, live PTO, good condition, new clutch and pressure plate. 215-584-4422 Montgomery County.

460 Farmall tractor, 1963, $2800; NH 268 baler/thrower, $1700; IH plow, #311, $250, rake, side delivery, $475; hay elevator, 28', $400. 215-795-2493 evenings or weekends.

NH 479 haybine, $2500, NH 68 baler w/thrower, $1500, NH 516 205 bu. manure spreader w/endgate, $1500; Int. 3 pt. mower, $400; 6' angle scraper blade, 3 pt. $200; 7' PTO snowblower, $500, all equip. excellent condition. Carbon Co. 717-427-4614

Hay trailer. Rebuilt car carrier, will hold 600 to 700 bales. $3000. 703-937-5656

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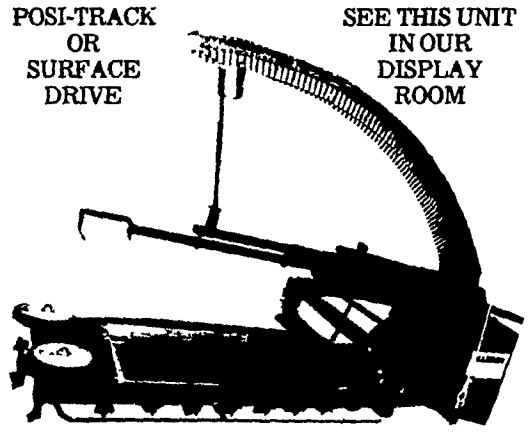

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PHONE 717-299-3721 ASK FOR WAYNE OR LARRY

FARM EQUIPMENT

For Sale - 5 and 6" Rainbow irrigation pipe, 30' sections, 1500' of each size, $1.60/ft. and $1.85/ft. 717-473-3031 between 7 and 5.

2000 gal. semi solid manure spreader used for 30 loads $1400. International hay crimper No. 2 $125. 215-267-5641 Lancaster Co.

For Sale - JD 4020 diesel tractor, MF 65 gas tractor w/loader, JD 4 btm. automatic reset plow, JD 1240 corn planter w/all accessories, JD 237 corn picker very good condition, JD 336 baler w/injector excellent condition, gas tanks w/pumps, 250 gal & 110 gal. York Co. 717-292-4154

For Sale - 5 cubic yd hopper type spreader, hyd. drive, exc. condition, Imron paint, easy to convert for spreading liquid, semi-liquid or granule $1050. Portable 15' aluminum grain conveyor w/1 hp. electric motor, good condition, $375. Approx. 2500' of No. 3/1 (5/8" diam.) 600 volt aluminum wire $150. 717-733-0252 or 717-733-4269

Wanted - Frame for #15 IH rake. Jacob Zook, 4021B, Old Phila. Pike, Gordonville, Pa.

For Sale - B275 tractor 3 pt. hitch, live PTO, live hydraulics, good cond. $2,200. 717-473-3031 between 7 and 5.

410 MF combine, diesel, hydro, 13' quick-tach grain head. Monmouth Co., NJ 609-259-7492

Plows International four bottoms 16 inch automatic resets, good condition, corn planter International four row disk fertilizer and seed openers No. 56 good condition. Lycoming Co. 717-546-6511

NH baler #276 w/thrower, good shaper; NI haybine; Oliver hayrake, JD 2 bottom plow, used 10 acres; JD 7' disk; one dump wagon w/IH host and Case chassis. Dauphin Co. 717-362-9190 after 4 P M

AC D19 Gas Tractor, excellent condition $3000 or best offer. 301-549-1272

For Sale - 1030 Comfort King tractor Motor in good condition. 717-786-7318

Brand new NH 310 baler w/TJD engine, SS pickup, flat tires List $8,227 one only $6,700 Delivery available. Allegheny Farm Service 412-397-5533 Indiana County

18' Brillion wing transport spring harrow (new teeth) $1,000. 12' EZ flow $200 609-259-2802

For Sale - 1966 R-600 Mack diesel w/1976 13' L-30 New Leader lime spreader. 2 spd. gearbox, oil clutch w/air cylinder, new drag chain, excellent condition. Also 1967 Int R-190 10 wheel dump. 14' Aluminum dump good condition. 717-624-7552

JD 210 disc 12' w/furrow fillers. Brillion 9' chisel plow w/gauge wheels. Both in excellent condition 215-869-3375 after 7 P.M.

WHITE 5400 CORN-PLANTER, no till air planter, 4 row seed monitor, dry fert and insect. boxes, like new, has planted less than 200 acres, $5450. Lehigh Co. 215-767-7777

Oliver 1800 D hydra power drive - Good condition $5500. 717-433-4331 or 433-4363

JD 630 Tractor, good condition $2200. or best offer. 301-848-1272

For Sale - 1 Dickey John spray control model DJSC-200A $900. 8 spray nozzle disc kit $100. 1 pair of 260 gallon Snyder saddle tanks, Mounted on heavy duty frame for 4 WD tractor $1200. 215-593-6029

FARM EQUIPMENT

1974 MF 510 diesel combine w/air conditioned cab and 13' grain head, real good cond. Also 4 row 1144 corn head, like new, $25,000 or good offer. 717-246-1791 after 7 P.M.

Esco dumping station, 200' glass 1" pipe. Call before 10 A.M. 201-873-2959.

1080 gallon bubble pool type sprayer, 40' hydraulic booms $6000. Call 8 A.M. and 5 P.M. 717-225-1469

Wanted - Good 500 gallon boom sprayer, Myers or FMC bean, will pick up. 717-587-1332

For Sale - D7 Cat. hyd. blade $3,000. Fox Super D hay and 2-row corn head $7000. Potter County 814-848-7250

350 hp Ford 4 WD tractor $45000. 4240 JD $28,000. 4440 JD $33,000. 4010 JD $7000. All above tractors are being run everyday. 8 row Int. corn planter $1000. 28' Krause disc $10,000. Model 880 MF plow, New V8 Cummins diesel engine 785 cubic inch $2000. 301-648-5442

Webster Tandem-axle fertilizer and lime spreader, dual hydraulic spinners, like new cond., stationery power unit, V8 Cat diesel w/clutch; 4500 gal. stainless tank trailer, ideal for liquid fertilizers, Ph. (717) 286-9698

4520 JD, cab, duals, 4500 hrs., very good cond. 301-721-2748, after 6 p.m. 721-2320.

For Sale - cornplanter, 6 row 7000 Max-Emerge, dry fert. with monitor; pair of 18.4x38 duals, snap on, make offer. 717-733-9723

For Sale by original owner-5 tractors, all diesels with cabs-AC 200, AC7040, MF 285, Case 2290, Case 2470, line of harvesting equipment-dual dump box, 890 NH chopper with 2 heads, Hesston 5800 baler, NH 489 haybine. 607-525-6214

JD 4020 diesel, wfe, ps, good cond., $10,000 delivered. 607-478-8277

For Sale - 1 stock rack, fits any pickup; rubber cow mats. 717-755-6679 York

For Rent - 3000 gal Van Dale liquid spreader with or without injectors Lancaster area. 717-656-7305

IH 400 Cyclo 6RN no-till planter, dry fertilizer, insect. boxes. many new parts. $3,300 firm. 717-485-4975 after 5 P M.

For Sale - Fuel Storage tanks, 1-2000 gallon, 1-3000 gallon, 1-4" 3-stage high pressure irrigation pump belt driven 717-799-5306 Columbia Co

JD 1460 6 row no till cornplanter, weight and insect. boxes, new coulters, best offer 301-635-2135 or 635-6525

Int 430 baler w/thrower, good condition Phone 717-398-2688

JD 7000 4R corn planter. Good condition Call 717-949-3965 after 5 PM

Farm Fan dryer AB-12B w/large propane fuel tank $5,000. like new condition; Hesston Stakhand #3- baler, 6000 lb. capacity 1000 RPM's real good condition with bale transporter and gates $4500. Contact Russ White, Lauxmont Farms, RD #1, Box 100, Wrightsville, Pa. 17368, 717-252-1525

For Sale - "B" AC, hydraulic, plow, cultivator, 60" Woods Mower, new paint, good condition. 717-687-6204

Long lasting barn cleaner replacement chain fits your units instock, water bowls won't rust $26.00 30 KW alternator, silo unloaders. 215-445-5309

For Sale - Ross Holm milking parlor, complete; Hesston 10 Stakhand, Hesston 3 PTH stackmover, JD 407 3 PTH rotary mower. 201-725-8886

FARM EQUIPMENT

1932 Oliver Hart-Oarr row crop 18-27 H.P. on rubber, clean, painted, good running condition; Farmall F12 steel rear wheels restored condition; (2) Hit 'N Miss gas engines. Call after 8 P.M. 609-259-9356

JD 740 harrow, 18' on wheels, wings, 4" or 6" spacing. 717-898-0675.

For Sale - 12-400 watt Mercury Vapor bulb starters with bulbs and mogul bases, can be mounted remote $500 or make offer. 717-653-5936

For Sale - Wagner Dump station, hydraulic drive, excellent condition 703-740-3458

Mulch Planters, Plug Mix Seed Planters, Layers, Peatpot, Speedling, Tree, tomato, pepper, strawberry, tobacco, lettuce, cabbage, etc. TRANSPLANTERS Tractor mounted, pull behind for tractors, horses. 40 yrs. potential usage at prices lower than you might expect. Desire delivery to you or come here? Order potato, cultivator, soda dispenser, barrel mounting attachments, parts, barrels, rubber packer wheels. Write Friendly Phil Gardiner, 410 Mullica Hill Rd., Glassboro, NJ 08028. 609-881-7023 early morning, late evenings. Tractors, equipment bought, sold.

303 AC baler w/pto thrower good condition. 717-862-3809 after 6 P.M.

For Sale - 187 Hawk Bilt side spreader, good condition $850 or best offer. Call 717-933-4444.

NH 880 field chopper, 2 row corn head and sickle bar; MM 1830 chopper, 2 row corn head, pick up and Fox sickle bar head; Fox PTO blower; Oliver 4 bottom 16" plow, all in very good condition. 609-935-3323

Farmall #350 in good condition, comes with 8½' snow plow, quick hitch, grader blade, full heat houser cab, 2B trailing plow on rubber.

706 diesel, good cond. 215-399-0722

For Sale - Patz model 100 manure pump, complete w/10 HP motor, 60' PVC pipe, new, still in crates. 717-448-2859

For Sale - IH 584D tractor, with 2250 quick detach loader, 410 hrs., Bucks Co 215-822-0491 eves.

B7100 Kubota Diesel, 231 hrs., 4 whl. drive, 48" front end loader, 42" rototiller, Mighty Mac shredder, moldboard plow, 4' King Kutter rotary field mower, Potato hook plow, one horse cultivator. Berks Co. 717-933-8384

For Sale - New 10' Brillion chisel plow or will trade for road tractor. Franklin Co. 717-597-2776

For Sale - JD 3800 forage harvester w/2 corn heads and grass pickup head Also JD 340 offset disc Dauphin Co 717-896-8314

For Sale - Massey Harris self propelled combine, good condition 717-998-9286

14 hp. Powerking farm tractor w/plow, cultivators, hydraulic bucket, snowplow, etc. excellent condition $2750. 717-757-3488 York

JD 2600 5 btm. auto. spring reset, like new, $3500; IHC 720 plow, 4 btm., 18", good condition, $2000; IHC 56 cornplanter, 4-30" rows, disc openers, insect. boxes, good condition, $1500. Blair Co. 814-832-2107

New Idea PTO manure spreader. Call after 5 p.m. 201-329-2765

R.S.M. power take-off orchard sprayer, $1200; Trump treehoe, $200. 717-762-6592

1975 MF 135 diesel, 8 speed, low profile, very good. 412-468-8909

FARM EQUIPMENT

For Sale - JD 24T baler PTO shaft. Wanted motor mounts for same baler. Louis M. Peachey, Box 310 RD #1 Belleville, Pa 17004

12' vertical Husky Bilt manure pump on wheels $1,000, good condition. Also 2000 gal. liquid tank on a 1964 Ford truck $1500. 717-935-2481

Complete irrigation system, JD turbo charged diesel engine w/Berkley pump, 3900' 7 and 8" aluminum ring lock pipe, Valmont traveling gun, ½ new cost. 703-667-0617.

For Sale - JD 4010 tractor, wide front, live PTO and 3 pt. hitch, exc. cond., $6,800. NH 320 baler w/kicker and hydraulic control, exc. cond., $6,500. Hesston stacking system model 30A 3 ton stacker, 60A stack mover and feeder w/crawler tracks, like new cond., $12,000 for all 3 units. JD 870 windrower, 11' cut w/draper heads, exc. cond., $2,500. 5 NH 8 ton steel bale wagons w/8 ply tires like new $1,900 each. Louden Co. 703-777-5134

For Sale - Two 5 bottom semi-mounted plows IH or John Deere, your choice. 18' McConnell transport harrow, 13½' Bush Hog Disc. IH two row potato planter on rubber. Ontario 16-7 grain drill on rubber. Col. Co. 717-799-5306.

Farmall M w/loader mower 7' plow disc rotary, one owner, clean. 201-741-8109

For Sale - Case 1740 uniloader, diesel, good condition. Schuylkill Co. 717-739-2247

Int. #56 corn planter 4 R. $1250 firm. Excellent condition. Fiberglass hoppers. 215-799-2649

For Sale - Brillion 15' cultipacker, JD 14' cultipacker, JD 12' cultipacker. 717-354-5092

JD 5 bottom hyd. reset, $2,000; 2600 gal. Better Bilt vacuum tank spreader w/injectors, like new, 1 yr. old, $10,500; Zimmerman dairy and poultry manure auger, approx. 26'; Roller mill; like new,$900. 717-637-0192 early mornings or early evenings.

4320 JD rollguard, 38" rubber, new paint, $10,950, 2510 diesel with loader, $6000. 301-865-3613

For Sale - MF 300 combine 10' grain platform 2 row corn head, 121 NI lime spreader 4 R AT-40 JD cultivator, premier 2 horse trailer 215-285-6246

FARMALL TRACTORS FOR SALE
Super C, WFE 3 pt. hitch
Super C, NFE fast hitch
Super C, NFE cultivators
240 NFE, fast hitch
Cub w/belly mower
BN, NFE sickle bar, plow
Cultivators for all of the above
AC "B" w/hydraulics and belly mower
717-687-6553 or 687-8021

For Sale - diesel engines for LA Case and other tractors. Smucker's Repair Shop, Box 81, Rt. 1, Strasburg, PA 17579

For Sale - 14' IH disk harrow, good cond, Pull type sprayer, heavy duty, balloon tires, New 300 gal tanks, PTO pump, exc. cond., very good buy. Call after 6 P.M. 717-637-6433

NH 1034 bale wagon, very good working order, 1975 model, Super 78 NH baler. 301-848-1324

5600 gallon tank trailer, ideal for liquid fertilizr $1000. 4 ton fertilizer spreader, tandem $850. JD 17 disk grain drill $350. Oliver 6x16 bottom plow $950. Oliver 13' transport disk harrow $500. 12' Brillion cultimulcher $700. 215-343-2444

IH 856 cab, 3 pt., exc cond. 814-793-4293.

FARM EQUIPMENT

For Sale - Ford 5-18" automatic reset on land hitch plow $2000 Lancaster Co. 717-656-2321

JD 2640 w/Hi-Lo, 560 hrs, 15.5-38 R. tires,many extras, like new $14,700. 300 gal. field sprayer 12 row boom,'8 roller pump, $825. Adams Co. 717-359-4796

Wanted - Behler road gear for 1936 JDA 717-872-8553 or 872-4546 after 4 PM Lanc. Co.

Stoltzfus chain drag dry lime and fertilizer spreader, $600. 717-473-3031 between 7 and 5.

AC 600 4 row no-till corn planter, dry fert. 50 series planters, insect boxes, ready to work, $1600 evenings. 201-735-7572

For Sale - New Idea Uni system attachments, pick up head #766 husking bed #726 F726 picker head #720 call 302-734-4504

NH 495 12' pull type haybine 2 yrs. old exc. condition $6000. 301-775-2762

D 830D w/145 JD loader, only 1200 hrs. Price $6500. Call Daniel Irvin 215-932-9065

International 1066 with roll bar, Int. 205 combine, both heads, M&M motor for Park 4½ bore 801 Ford 4 wheel drive and winch for Woods work must sell immediately. 814-672-3196

For Sale - 1800 Oliver gas, tractor, new ruber 78 HP, good condition $2500. Lancaster Co. 717-733-3446

AC no-till planter, 2 row excellent condition $1500 or best offer. 717-872-5514

For Sale - 4 row no-till corn planter, used only 1 season. 717-532-4266

IH 16' 4 section drag harrow with levellers, good cond., $400. 717-649-5508 or 649-5344

NH #68 baler, good condition $700. NH #256 rake used 60 acres $1,350. 7' cutditioner $1,100. Hay wagon $295. JD 9' transport disk $750. Cultipacker 10' $250. Hydraulic cylinder w/hoses $75. 16' NH hay elevator w/motor, like new $350. NH S-14 garden tractor; 4' mower, 4' snow blower, hydraulic lift, weight box, chains, hydrostatic transmission, good condition $1,595. Call after 6 30. 717-432-9409

New JD 16A rotary chopper, $2,950 Case offset disk harrow, 11' cut dual wheels, 12' Brillion cultipacker, 18" packer wheels, IH 120 forage wagon, Ford 5600 tractor, hydraulic post driver. 717-776-7724

For Sale - NAA Ford Jubilee with Dearborne loader, AC tractor with 2 row mtd. Ford cornpicker; Hesston haybine; IH 4 btm. fast hitch plow Ontario grain drill; AC 300 baler w/thrower, Case transport disc and other misc. farm equipment. Selling everything from farm. 717-362-3470

JD 70 diesel tractor with elec. start and power steering, 3 pt. hitch, 73 h.p., 730 crank shaft and fly wheel, 420 hrs., since overhaul, $2250. Mifflin Co. 717-899-6121

For Sale - 2 JD corn heads - 6 row #643 narrow row, 4 row #444 wide rod. 717-725-3072

NI 3 beater manure spreader, 1080 MF tractor, 2 disc harrows. Franklin Co. 717-328-2458

NH hayliner 68 baler with engine, very good condition. 717-687-8136

IHC 656 gas w/TA, exc. cond. IHC #450 3x1 auto reset plows. Fo... 10½" transport disk. IHC 56 2 row corn planter. All in nice shape. 607-748-4283

Yardman rototiller, 5 hp, used 1 season, $275 717-739-4852

FARM EQUIPMENT

Complete set of front weights for AC tractor $225 717-687-9006

JD 95 gas combine 13' grain head 435 4RW corn head good condition $7,500 York 717-292-[illegible]16

AC 829 haybine, Int. 37 baler with #10 thrower, Int. 2 row 3 point corn planter. Schuylkill County. 717-425-2562

12 tractors MF 510 diesel w/2 heads $6,500. Truck load of 5 through 10-ton wagons 20% off sprayers and Vicon fertilizer spreaders New Hesston 1091 $5,500. Round baler, New Brillion equipment 3 used chisel plows new 8 tooth. 717-524-2410

For Sale - Oliver tractor, power take off, hydraulic and pulley. Benuel S. King, Paradise, R D. 1, Box 156-A, PA 17562 along Mine Road.

For Sale - 58" sickle bar mower diddier Hydra-sickle for JD 400 garden tractor $700, 12" plow, 3 pt. Cut-o-Hitch $300, Bar [illegible]res wheels new for JD [illegible]00 garden tractor $200 Large antique wood box $125. 717-523-7201

For Sale - Hesston model 1510 liquid manure spreader, exc. cond. 717-724-2839 ask for Bob.

4010 JD w/4020 Kit 3 pt., PS, wide front. 814-696-0868

For Sale - Brady stalk shreader model 1440, like new Also 2 - 15 hundred bushel wire corn cribs. Call 215-488-6816

JD 3010 D recently rebuilt good rubber, very good condition $4750. 215-967-5231 Call evenings.

For Sale - International 440 baler, all twine knotter, with thrower. $2000. Frystown. 717-933-8764

AC B125 power unit with clutch $350. Also 2 16-9-38 tractor tires 25% tread. $75 each. 717-587-3738

IH 464 D 1100 hours, PS, 3 pt., excellent conditon. 814-696-0868

Baler, International harvester #37 with thrower. Excellent condition, one owner $1800 Tractor saw 30" blade with fold-in table, excellent condition $275 50' flat endless tractor belt $75. Anvil $150. Cunningham hay crimper A-1 condition $200 609-466-0828

Ontario grain drill, 14x7, disc openers, good condition Bucks Co. 215-536-9672

Case "930" Comfort King tractor, diesel, AC "D17" tractor, WF, belt pulley new rubber and paint Both in excellent condition Fisher Engine Service, 3141 Old Philadelphia Pike, Bird-in-Hand, Pa. 17505

Case 580 CK backhoe loader 1970 new engine 14' backhoes. $5500 215-489-1400

For Sale - (new) NI #323 corn picker $5200. 717-768-3197

For Sale - 20' Hercules unloader for Harvestore also 3 pt. Case corn-planter 4 row Chester Co 215-932-2339

TD9 crawler-loader, completely overhauled, $4500 neg 717-328-5814 after 6:30

Sauder manure loader for use on 8N Ford tractor, in good condition. Boom jet nozzle for spraying hervicides etc Lancaster Co 215-484-2228

Fert auger for JD 7000 corn planter 4 or 6 row w/hyd motor $450. 215-343-2444

For Sale - MF 10' transport disc excellent condition. 717-362-9233

For Sale - IH 8 ft transport disc, 12 ft. harrow hay wagon with 7 ft. sides James Parlett, Airville, PA 717-862-3610

FARM EQUIPMENT

GRAIN AND SEED CLEANERS NEW - USED RECONDITIONED
Clippers, Crippens, Rotex, James, Texas Shaker, Prater, Tyler, Howes, Carter-Day, Etc. Lowest prices ... quickest delivery. (We also handle a complete line of grain, feed, fertilizer and extraction equipment in new, used and reconditioned. We currently have more than 100,000 items.)
Steven Lloyd Corporation, 600 South County 18, St. Louis Park, Minnesota 55426 (612) 546-2855

Starline tank spreader approx. 150 bu. new chains very good condition $1500. NH tank spreader model 368 new chains very good shape $2800. John Deere fertilizer spreader, good shape can be used to haul dry chicken manure or lime, holds approx. 12 ton $2500. Phone 717-776-6203 Cumberland County.

#55 JD self-propelled combine, 12' grain head, Hercules motor, recently overhauled, running condition, $800. Buck Co. 215-598-7770 after 7 p.m

Super Hayliner #69 baler, JD field sprayer, 200 gal. fiberglass tank with Wic straw chopper, like new, direct cut head for Fox chopper; '73 Malibu Classic car, 50,000 mi. 201-689-1893

Farmall M, very good cond., good rubber, new paint, belt pulley and PTO, $1300; IH loader to fit models Cub, A, Super A and 140 IH tractors, very good cond., has hyd. dump, complete, asking $400. Harford Co. 301-836-1280

Stoltzfus 30' boom fertilizer spreader, stainless steel booms, $2300, good condition Bush Hog tandem disc harrow, $2500. 301-349-5432

For Sale - 110 gal. SS sprayer tank, $100; 2 row 3 pt. cornplanter, $75; 1 row IH cornplanter for Cub or A tractor, $75, Lancaster 717-684-0143

Oliver 1655 Diesel, like new, Crawler tractor, Little Giant 30' elevator w/motor, grain wagon; MF baler; 418" Int. 3 pt. plow, Oliver hay loader. (717) 865-6794, call after 5 eves.

For Sale - JD 60 tractor, side tachometer, completely overhauled, good tires $1500. Wanted lower castings for 3 pt hitch or complete 3 pt. hitch for JD 720. 814-674-8714

For Sale - Pick-up for Fox harvester model 6 PA like new, also International 2 point, 2 bottom plow 717-292-2750 York Co.

Pollard wheel rake, nearly new $595 Call after 7 P M 215-767-3133

IH 656 D utility, 1800 hours, PS, 3 pt. 814-696-0868

One heavy duty homemade liquid manure spreader w/fan type spread mounted on trailer w/20x14" flotation tires, 2000 gallon capacity, $2,000. 814-766-3309

New Holland sickle bar mower 3 pt. 7 ft. John Deere 494A corn planter with insecticide hopper's Ford industrial loader Oliver 62T baler with thrower. 6 ft drag disk 717-533-9390

Six narrow row IH 400 cyclo corn planter with dry fert. insecticide boxes Soybean drum $1800. Call after 4 215-967-5231

IH 856 diesel w/cab, 3 pt., PS, dual PTO, 38" rubber 814-696-0868

Model 760 Agway electric feed cart, computer scale, mix complete ration, excellent condition. New list for '74 95 will take $3700 cash or cows on trade; 6 row 3 pt hitch cultivator, new, never used, $1700. call Norwich NY. 607-334-9727

FARM EQUIPMENT

1981 5 ton w/chain tractor drawn spreader with sower #TC 055. 216-543-4459 after 7 P.M.

Husky manure pump for 10 ft. pit like new. 215-267-6198

JD 105 combine, 13' grain, 4 RW, 6 RN, ac, good condition. 215-346-7422 evenings.

IH 56 4 row cornplanter; IH 430 baler with #10 thrower; IH #8 flail chopper. like new, Johnson loader for Cub cadet. 717-567-6566

Ford Farm tractor model 860, 45 HP, w/accessories, 3 pt hitch, Bush Hog scraper blade, front end loader w/bucket, 3 gang mowers, tow bar and chains, utility trailer 8x10, tractor newly tuned, new battery, rebuilt generator and starter. Call after 6 P.M. 717-469-0589

Farmall #350 in good condition, comes with 8½' snow plow, quick hitch, grader blade, full heat houser cab, 2B trailing plow on rubber. 609-259-9356

One 4 head block Frick sawmill 01 $4000, One 3 head block American mill No. 1 $3800, One Diesel Cat D7 power unit $1000. We buy and sell mills. Leroy Wray RD1 Douglasville, Pa. 19518. 215-385-3884

For Sale - 2 bottom Oliver 3 pt. plow $250. 10 ft. Brillion cultipacker $350. (2) 28 Disc Disc harrows $75. each. 15,000 KW Niagra alternator, AC mounted on cart $850. 717-548-2949. Lancaster County.

Bobcat 720 skid steer loader, rebuilt w/propane $7250. 215-489-1400

Self-propelled FMC tomato harvester, good condition, can deliver. 717-365-3356

For Sale - IH 806 D tractor, T-A 6300 hours, JD 5x16" semi-mounted plow $1275, Paul Livestock scale 1600 lbs. w/chute and gate $475. All items good condition. Call Monday thru Friday 7 A.M. to 5 P M 215-696-0376

Wanted - boom sprayer with 35 gal. per min. pump. 609-455-1261.

For Sale - buggy with roller bearing, good condition Paul D Zook, RD 1, Gap, PA. 717-442-9079 after 6 P.M

JD 4020 gas, wfe, good rubber, 250 hrs. on major overhaul w/145-5B plow, Int 130 w/cult and R.O plow, new paint, new rear rubber; '63 Chev. dump, 17,000 GVW 717-477-2611 or 717-477-3902 eves. and Sat. Luz. Co.

Pittsburg finishing disk, 12' wide, 20" blades, 7" spacing. Birch offset disk, 8' wide, 22" blades, 9" spacing Call 215-298-2774

Wanted to buy - JD #40 combine for parts. Montour Co 717-275-4559

For Sale - IH 400 cyclo 4 row cornplanter with hydraulic rowmarkers, insect. boxes $1500 717-248-2763

For Sale - 1968 IH 806 tractor, exc. cond, 3 Farmhand hydraulic side delivery, high lift dump carts, 3 IH 234 sweet corn or field corn harvesters; Oliver model 252, 10' disk harrow. 717-367-5142 days, 717-898-8644 evenings.

Farmall Cub implements, cultivators, single plow, disk harrow 717-872-4386

Holland 3 row transplanter on tool bar w/front mounted water tank 717-365-3356

For Sale - Ford 850 single axle tractor, gas engine $1200 Fruehauf tank trailer, 5 compartments 3500 gal. total capacity $800. Both fair condition, all new rubber. Call Mon. thru Fri. 7 A.M. to 5 P M. 215-696-0376

FARM EQUIPMENT

For Sale - 21' Wil-Rich hydraulic double wing heavy duty field cultivator w/walking tandem wheels and Hitchhiker drag bar harrow, like new condition, $7,000. Lancaster Co. 717-653-5980

For Sale - New Idea 702 diesel tractor w/combine grain head, chopper 2R corn head & wind row pickup. 304-263-9801

For Sale - 620 MF disc harrow, 12' cut, 24" disc blades, w/gathering discs, excellent condition, stored inside, Lanc. Co. $3,400. 215-267-5624

Bobcat 730 skid steer loader 1980, 800 hrs. excellent condition $10,500. 215-489-1400

White 5400 4R air corn planter $2000; JD 7000 4R corn planter $5000, D500 Dodge grain truck $1800; 2150 Oliver tractor; Chisholm ryder 2R string bean picker mounted on 656 IH diesel. 717-799-0223

For Sale - New Holland 310 baler, good condition. Call 717-998-9041 between 5 to 7 P.M.

8 ton feed bin, 2 pit cleaner units, 80-15 hole rear rollaway nests, Bressler inserts, Eggroom cooler, Humidifier, 36" refrig. door. 7-24" Unico fans. Egg packer with vacuum lift. Lanc Co 717-653-1249

For Sale - IH #56 4 row corn planter with disc openers; Ford two row 3 pt. cultivator; IH fast hitch 7' mower. Montg. Co. 215-754-7574

For Sale - 11x24 and 5x15 tractor tires, all 4 have 75% tread and 4 ply Best offer. 215-267-3303

For Sale - (new) NH 310 baler super scoop pick up flotation tires. 717-768-3197

Four gas engines; one trailer 13 feet by 6 feet, one coal and wood furnace cast iron complete. Call Monday thru Friday 717-244-3602

15 h.p. AC G excellent mechanical condition, rear tires, new 5' mower, 12" plow, cultivators, row maker, trailer $1000. Mifflin Co. Call between 8-10 P.M. 717-935-5224

For Sale - John Deere #894 5 bar rake $675; John Deere #24T baler w/#2 ejector $1475 field ready, Heavy duty Ford loader w/2 buckets $775, Private owner, can deliver, Union Co 717-568-5413 after 5 P.M.

RECONDITIONED EQUIPMENT FOR SALE
JD KBA 20 and 24 Discs
JD 9' and 12' Spring Harrows
Oliver 12" and 14" Plows
New Idea 751 and 752 Crimpers
MC 1 row cultivators
Garden Shovel Harrows
JD 999 Corn Planters with or without plateless units

Plateless Units Mounted on Any Kind of Corn Planters

9' Cultipackers
1 - Real Good Lely Fertilizer Spreader available

New VICON Fertilizer spreaders with or without ground drive gear

For more information write or contact
General Welding Repairs
SAM K. ZOOK
Box 89 along Coopers Dr
Kirkwood, Pa 17536
Closed Wed & Sat

FARM EQUIPMENT

NH 479 Haybine $2650
NH 469 Haybine $1600
NH 328 Spreader $1100
NI 244 Spreader w/end gate $7000
NI 213 Spreader $1100
AC KKS Combine w/cab and air, 2 heads $10,000
Bobcat 530 Skid Loader $8000
WENTZ FARM SUPPLY
Palm, Pa.
215-679-7164

V-4 Wisconsin engine w/reduction clutch $1500.
DENNIS M. MILLER EQUIPMENT
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-0937

For Sale - Wisconsin VG4D power unit with clutch and electric start and fuel tank, overhauled, 90 day warranty, $1300 Used VE4D electric start engine, $300. Used Chain Saws, and Brush cutters, good selection to choose from, 10KW Onan generator set powered by water cooled gas engine, single phase, 110 or 240 volt, $1200. Wes Stauffer, Ephrata PA 717-738-4215.

For Sale - IH #10 Drill 13 x 7 single disc. 717-896-8694 after 5 p.m.

For Sale - IH 806 diesel, 3 pt hitch, wfe, good rubber, recently overhauled, good condition Berks Co 215-589-5489

10' Brillion cultipacker, 275 NH baler Super Sweep, NH trailer mower. All field ready. 717-354-0266

6 row no-till AC air corn planter w/insecticide applicators and dry fertilizer w/cross auger. Please make offer. Wanted - 363 Continental engine. 717-726-3659

WANTED TO BUY: GRUBER horse wagon. 412-687-1502 Charles Patterson 311 Maple Ave, Pittsburgh, PA 15218

50' grain and hay elevator, $2000, MM G900 $6500. 301-833-1847.

For Sale - NH Pony (tractor) with 1 row cultivator and plow, very good condition. 717-464-2874

For Sale - IH #30 loader with Myers 6' angle blade and bucket. Will sell blade separate. 717-464-2874

For Sale - Iron Age 2R low speed potato planter, good condition $500. Schuylkill Co. 717-425-3486

case

NEW 2290 CASE TRACTOR
129 h.p., 38" rubber, loaded
Actual Cash Price
$24,000

NH 1034 Auto. Bale Wagon, good shape

JD #494A 4R Corn Planter in Good Shape

Plus
Used Haybines, Manure Spreaders, and other good used equipment available

Paul Shover's Inc.
35 E. Willow Street
Carlisle, PA
717-243-2686

FARM EQUIPMENT

Int. 1086-1466, JD 4430-4230-4320-4020-170 F-orage boxes & bale throw racks 717-547-2387

100 HP PERKINS IRRIGATION MOTOR ON TRANSPORT UNIT W/PUMP AND ACCESSORIES, LIKE NEW, 280 HOURS, $4,700. 703-434-1218

Farmall 856 D cab, WF, 3 pt. hitch, $8900. 706 German diesel, 3 pt. hitch, new tires, $7100. 717-538-1639 or 538-1805

Allis Chalmers HD11 Crawler Loader $3500.
DENNIS M. MILLER EQUIPMENT
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

For Sale - IH 105 combine, excellent shape, field ready. 717-243-8944 Cumberland Co.

For Sale - Bale thrower model 54A like new condition, for 273 HH baler, David S Peachey Box 221, Star Rt., Allensville, PA 17002

IH 700 5x16" reset plow; IH 450 3x16" reset plow, like new, IH 1150 grinder mixer; IH 110 silage wagon, Papec silage wagon Phone 301-582-1927

Fertilizer auger for JD 7000 corn planter w/hyd motor $450. Also 14' Billion cultimulcher $1400. 215-343-2444

#34 JD harvester, 2 row corn head, Oliver 1365 w/loader 1500 hrs. 717-673-3322.

Wanted - Combine, good, used, 4 row wide, JD, White or MF. 703-434-1218

For Sale - Hesston 10-W stack mover $550. Int. $550 5x16 plow $1000. Ontario drill 14x8 with new fertilizer & points $650. NI 324-327 picker did less than 300 acres $6000. Int. #1150 grinder-mixer like new, best offer. Int. 4 row 3 pt. cultivator $500. Call after 7 PM. 215-926-3243

Will buy & sell all types of horse drawn equipment. 215-593-5754

For Sale - JD 4020 diesel, wide front, 34" rubber, sinker range transmission, excellent condition $7500 215-593-6127

4L912 70 hp Deutz engine, excellent condition. 215-683-7943

MF
SPERRY NEW HOLLAND

USED EQUIPMENT
Tractors
AC WD 45
Ford Super Major Dsl.
Tillage
Case 5B Auto Reset Plow
MF #74 3B Plow
MF 66 3B Plow
Pittsburgh 8' Tandem Disc
Miscellaneous
Gehl 2600 Skid Loader
NH L35 Skid Loader
NH 518 Manure Spreader
Starline Tank Manure Spreader
IH 13 Disc Drill
Ontario Disc Drill
Used Knipco Heaters
Combines
NH TR-70
Cat Hydro w/15' Table and 6RN C.H. (Demo)
MF 540 w/13' Table and 4RN C.H.
(2) MF 300's w/cab, QA, 10' table and 2R C.H.
Good selection of used haybines, balers and other Forage Equipment
MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

Oliver 4 bottom trailer plow, many extra parts, $350. Delivery can be arranged for additional charge. IH 756 gas, good cond., two front ends, 3 pt. hitch, fenders, weights, $7,200. 717-943-2312.

For Sale - JD 620 tractor, $1800 or best offer. 717-354-0204

For Sale - JD 790 tank spreader, excellent condition $1400. 717-548-3116

Brillion 16' spring tooth harrow on wheels fair condition $750 Automatic calf feeder, feeds up to 25 calves. 220 V $150. Call before 8 A.M 215-250-0862 Northampton Co.

Two 3 btm. rollover plows, 1 Oliver $1800. 1 JD $1200. 1 McConnell 2 R potato planter w/hyd. cyl. & Gandys $1100. Ready to work, can deliver. 516-473-1680.

For Sale - MF 1150 diesel tractor, low hrs. excellent condition. 10 ft. Hesston hydro swing haybine excellent condition. Union Co. 717-568-7271

FIELD QUEEN
FORAGE HARVESTERS

NEW TILLAGE
12' Rhino Rock Flex Disc $4200
13' 245 Bush Hog Offset 26" Disc $7600
14' 1439 Bush Hog Disc

WHITE 8-Row Folding Planter - Special Price! Also, Special Discount on White Tractors!

NEW EQUIPMENT
Hesston 30B Stacker
Allen 20' Hyd. Rakes
NI 708 Uni w/Air, $29,000.
USED TRACTORS
Farmall Cub 185 Low Boy
Oliver 1850 D
JD 2510 Gas
Ferguson 20

Used Hesston 4800 Big Square Baler

USED HARVESTERS
MF 510 Dsl. Combine w/13' Soybean Head
NI 702 Diesel Uni
NH 890 3R & Pk. Up.
IH 715 Combine, 13' grain & 3 Row Corn Head
Fox 3310
Field Queen Side Dump w/Det. engine, 3R Head & Pickup
Field Queen Standard 3R Head & Pickup
USED EQUIPMENT
JD 1240 Planter
IH 400 4R Planter
IH 56 4R Planter
Tye 160" No-Till Drill
12' Brady Shredder
Hesston Stackhand #30 & #30A
Fox Blower
NI 728 4RN Head
JD 7' Rotary
NI 323 1R Picker
Hesston PT10 Windrower
NH 479 Haybine
Hesston 320 SP Windrower
Hesston 1010, 1014, 10 & 12 Ft. Hydro Swing Windrower
NI 710 Combine
Hawk Bilt 2155 Roll Top
Little Giant 38' Elevator
Pittsburg 6' 3 pt. Disc
Glencoe 4R vibra tine cultivator
NI 729 Sheller

STOLTZFUS FARM SERVICE
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FARM EQUIPMENT

SARTE Leyland Tractors

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FOR SALE

Case tractor, 870, 12 spd., ps trans., good cond., $8600

Leyland 270, 1975, 1500 hrs., exc cond., $6800

NH model 516 spreader, 3 btr., exc. cond, $2,485

NH model 518 manure spreader, single beater; w/hyd. gate, Gratz chain, nice cond. $1800.

Landoll model 2759C 9 shank [SOLD] -Master new demonstrator, $5300

Brillion 11' packer exc. cond., [SOLD]

Badger model 205-205 bu. spreader w/2nd beater, in new cond. $2785

Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600

Danuser model BMBH front mounted post driver, exc. cond $925

N I. forage blower, model 620, 54"fan, good cond $875.

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NEW J.D. 230 Disk, 25' w/ Cushion Gang Attachment
Also
JD 4440 Tractor

TRACTORS

JD 4240 w/148 Loader, 400 hrs.
White 2-85 w/cab
IH 400 D
IH 340, Fast Hitch
JD 2940 (290 hrs.)
JD MT

PLANTERS

JD 7000 6R
White 5400 4R
IH 400 6R
IH 400 4R
JD 1240
JD 494A

COMBINES

JD 45 w/2 heads
(3) JD 444 Corn Heads
1980 MF 760, 338 Hrs.

HARVESTERS

Gehl 600 w/heads
NH 717 Harvester
Hesston 720 w/heads
NH 770 w/heads

HAY TOOLS

JD 24T Baler
NH 269 Baler

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JD 1710 Mulch Tiller 11' & 13'
JD 2600 5B Spring Reset Plow
JD 345 5 Btm. Plow
IH 700 5x16 Plow
JD 950 12' Roller Harrow
Brillion 12' Roller Harrow
Ford 10' Disc
JD 2500 5x18 Hyd. Reset
JD 1250 4x18
JD 1600 10' Chisel Plow

MISCELLANEOUS

JD 46 Loader
Oliver #5 Picker
JD FBB 15x8 Hoe Drill
JD 8250 14x7

TOBIAS EQUIPMENT CO., INC.
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Phone 717-362-3132

FARM EQUIPMENT

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Ford 7000 w/Load Monitor
Ford 5600 low hrs.
Ford 6000 D WFE
Ford 4100 Live PTO
Ford 5000 D Dual Power
Ford 5200 G 8 speed
Ford 4400 w/Loader & 3 pt.
Ford 4200 00 D SOS
Ford 4000 w/Loader
Ford 3400 w/Loader
Ford 2600 G, PS
Ford NAA Hi-Lo Trans.
Ford 4000 SU 8 Spd.
Ford 3000 G Live PTO
Ford 1500 w/350 hrs.
Ford 9N w/Woods Mower
Ford 800 PS
IH 666 D WFE
IH 504 G, 3 pt.
AC 5040
AC 160D
AC D17 G
AC D5 Series 4
AC G w/equip.
Case 630 w/Loader
MF 235 G, PS
MF 135 G Live PTO
Ferguson 30 w/Loader
Oliver 1650 WFE
JD 3020 D WFE
JD 2010 Gas
JD 50 3 pt.
Satoh 650 w/loader
Satoh w/Woods mower
MH Pony w/cults.

EQUIPMENT

Ford 5x16 Plow
Ford 4x16 Plow
Ford Flail Mower
MF 33 Grain Drill
IH 13 Disk Drill
JD 24T Baler
Ford 532 Baler
JD 1240 Plateless Planter
Bearcat Culti-mulcher
Mott Flail Mower

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JD 1440 Planter w/80 units $4500
JD 2420 SP Windrower $23,475
JD 534 Dozer Blade $2635
JD 3960 Harvester $9955
JD F950 12' Roller Harrow $3950
JD 567 Wheel Rake $1275
JD 450 Spreader $5645
JD 235 Disc Harrow 19'11" $11,800

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JD 1R Corn head $650
Hesston PT10 Mower Conditioner $1695
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Woods MC80 mower $895
JD 24T Baler w/kicker
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD AW 9'10" Disk
JD 494 4R Plate Planter
IH 4R #56 Corn Planter $1450
IH 6R Air Planter w/dry fert.
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- Case 430
- David Brown 990 w Loader
- 990 David Brown
- David Brown 1410
- Oliver 880
- White 2 105 Tractor

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- Case 1830 Skid Loader
- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- 1845 Diesel Uni Loader

TILLAGE

- Case Disc Harrow, 10'
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot Trailer Plows
- MF 830 21' Disk
- MF 720 2' Offset Disk
- Used Cultipacker

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- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1 Row Cornpicker
- NI 2-Row Cornpicker
- Int Mtd Picker, 2 Row
- IH 550 Harvester w/Pickup
- JD No 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
- Kools Forage Blower

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- NH 469 Windrower
- Hesston 1014 12' Windrower
- Hesston PT 10
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- JD Hay Rake
- NI Hay Rake
- JD 14T Baler w/thrower

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406 Rake

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JD 694A Planter
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JD 105 Combine
JD 727 rotary mower
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JD 1250 corn planter
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JD 346W Baler w/kicker
JD 485 mower conditioner
JD FB Drill
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
Oliver 5x16 Plow

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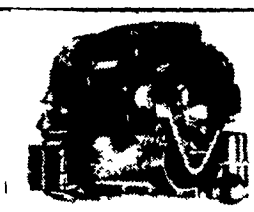

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JD 444 Corn Head
JD 6620 Combine

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JD 78 Blade
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JD 2940, 4 Wh. Drive
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• This gives you the most accurate feeding for all seeds and most positive depth control available. Same True V principle as used on 7,000 corn planter.
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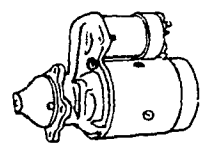

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AC 190XT
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JD 7700 combine
JD 7700 Hydro. combine, rotary screen, auto hdr
JD 443 CH
(2) JD 444 Corn Heads
(2) JD 643 CH
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JD 15' Quick Tach Platform
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IHC 500 Cyclo 6R Planter
JD 7000 6R narrow no-till planter
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JD 24T Baler
JD 25 Forage Harvester 3 pt.
Davis 20+4 Hydro Trencher
JD 307 6' Rotary Mower
JD 606 3 pt. Rotary Mower
(2) RG4 Cultivator
JD 1209 Mower Conditioner
JD BWA 13'10" Disc
JD 15x7 Grain Drill
JD 37 Loader
Gehl 72 Flail Chopper

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JD 1050, 33 H.P.
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(2) JD 4640 Cab, QR
JD 4840, Cab, PS
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(3) JD 7000 6R Conv. Planter
JD 7000 12R FF Planter
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JD 3960 Fg Harvester
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72 JD 4020 side console
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JD 2020 diesel
JD 2510
6-JD 730 diesel
JD 720 diesel
JD 630
JD 530
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JD 720
JD 70

White tractor 2-105 cab, low hours, exc. cond.
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AC WD 45

Ferguson 30
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MF 65 Gas
JD 70 Skid Loader
Case 1537 Skid Loader

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IH 400 Cyclo 6 Row "Sharp"
IH 400 4 Row

GRAIN DRILL
JD FB-B 17-7

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KBA - JD Disk
JD 2450 7 Btm. Plow
JD 845 3 Btm. 2-Way Plow
AC 3 pt 3 Btm. 16"
MF 3 pt. 3 Btm. 14"
JD 555 3 Btm

SPRING SPECIAL
HUTCHMASTER PLOWING DISK
10'7 $5875.00

NEW EQUIPMENT SPECIALS

Hesston 1070 mower cond	$4500.00
Hesston 2000-100 harvester w/pickup	$7500.00
JD 1710 11' mulch tiller	$5500.00
JD 125 Skid Loader	$12,500.00
JD 1010 15' field cultivator	$1995.00
Landoll 7 shank soilmaster	$5150.00

PIKEVILLE EQUIPMENT, INC.
R D. 2, Oley, PA
Phone 215-987-6277
Berks County's Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

FARM EQUIPMENT

Wanted:
Grain header for MF 510 quick-tach and automatic height control. Best cash price and condition.

Charles Danweber
180 Schoeneck Rd.
Macungie, PA
215-966-5816

FARM EQUIPMENT

WANTED
Used
IRRIGATION PIPE & PUMPS
Send your inventory and price to

EECO, INC.
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Harrisburg 17110
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JOHN DEERE

NEW JOHN DEERE EQUIPMENT

850, 950, 1050 Tractors
2040 Tractor
2500 4B hyd Reset Plow
HD 336 sp. Tooth Harrow
336 Baler w/ejector
1207 Mower Conditioner
1209 Mower Conditioner
660 Rake
1710 11' Mulch Tiller
1075 Running Gears
714 Chuck Wagons
75, 143, 145 Loaders
506, 606 & 609 Cutters

OTHER NEW EQUIPMENT

Century 500 gal liquid Fert. Spreader
Bush Hog 1432 Disc Harrow 10½ ft.
Brady Soybean Cooker
Hesston 5600 Round Baler
Hesston PT7 Mower Conditioner
Hesston 1014 Hyd. Mower Cond
Brillion STT-16 Spring Harrow
Bush Hog TM5, TM6, 307R Cutters

USED EQUIPMENT

JD B
JD LA
JD 50
JD 60
JD 520
JD 720
JD 3010 RCU
Farmall H, M, MD
AC C, WC, WD
Ford 8N
AC 10' Disc Harrow
IHC 36 Blade Disc
JD 1206X Offset Harrow
JD AW 12' Disc
JD RWA Disc
JD KBA Disc
JD 2x14 Plow
IHC Semi-Mtd. 4x16 Plow
IHC 540 4x16 Plow
IHC 550 5x16 Plow
JD M 1 B Plow
JD 44 Plow
JD F125, F120 4x16 Plows
JD F120, F45 3x14 Plows
JD 825 Turn-over 2x16 Plow
JD F145 6x16 Plow
JD 25A Sprayer
Century Mist Sprayer
IHC Round Baler
Century HD 355-12A Sprayer
Agway Spreader
Broyhill Sprayer
Ford 309 Planter
IHC 456 Planter
JD 246 Planter
JD 290 Planter
JD 494A Planter
JD 1300 Bean Planter
Call For Details.

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave. on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

UNICORN FARM SERVICE
JAMES E. LANDIS

PATZ SALES & SERVICE
TERRE HILL SILOS
QUARRYVILLE, R.D.#2, 17566
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MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
Conveyors

USED EQUIPMENT

TRACTORS:
IH 1566 D, Cab & Air, 30 5x32 tires, new TA, Real Nice
1256I SOLD nice
JD 4520, 20 8x38 Radials, No Cab
606 Diesel Utility, 3 pt
IH 544 Gas, Tricycle
IH 560 Gas, 400 Gas
IH 706 Gas, Wide Front End, Fast Hitch
IH 350 High Utility
IH 350 Farmall, PS
IH 544 Gas w/2000 Loader
(3) Farmall M
Farmall SOLD w/2 Way Plow, Cult, Belt Pulley
MF 165 Diesel, $3900
Oliver 1800 Gas, Wide Front End, over & under $4500

TILLAGE:
IH 760 14' Offset Disc
IH 475 13'5 Disc Harrow
Int 9A Disc Harrow, Rope Trip, 10 ft., Like New
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot Semi-Mtd Plow
IH 540 4-Bot 14" Semi Mtd Plow
IH 550 5-Bot. 16" Semi Mtd Plow
MF 3 pt Mtd, 3 Bot. Auto Reset Plow
Ford 3 pt Mtd 3 Bot 18" Auto Reset Plow

PLANTERS:
Int 663 6-Row Cultivator
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb Single Disc, Good Shape!
JD FBB 17x7 DD
JD 494-A, DD, 4-Row Planter
IH No 10 13x7 Plain Drill
IH No 10 16x7 Single Disc, Comb, Hyd Lift
IH No 10 16x7 Single Disc, Comb
Oliver 24x6 Combination Drill
MF 13x7 Comb Drill

MATERIALS HANDLING:
157 Hawk Bilt Spreader - $995
187 Hawk Bilt Spreader, LH
Int 540 w/End Gate - $1995

COMBINES:
915 Combine, Low Hours, Like New
(2) 844 Cornhead
810 15' Floating Cutting Bar
• Waiver of Finance to 9/1/82

IH 403 w 4-Row Wide Head & 12 ft Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M

HAY & FORAGE EQUIPMENT:
#8 Flail Chopper, Like New
JD 115 Forage Wagon
Gehl 800 Recutter Blower
Model BN98 Badger Blower
Gehl FBB 88 Blower
38 JD Chopper
550 IH Chopper
36 NH Flail Chopper
33 NH Flail Chopper
(2) 990 Int. Mower Cond, 9 ft
1014 Hesston Mower Cond
420T Hesston S P
NH 479 Haybine
NH 276 Baler with Thrower, Real Nice!
MF DEO-20 3 pt Hitch, 5 Bar Rake

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Sat 7 to 3

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Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED QUALITY USED TRACTORS
Would Sell Any Tractor w/or w/o cab IH tractors w/3 pt or fast hitch
JD 4020 D, p shift, WF, fully equipped
JD 4620 p shift, fully equipped
IH 1086 cab & SOLD lock, fully equipped
IH 806 D dual hyd & pto, WF
JD 630 real nice SOLD or w/3 pt
JD 4320 w/cab 18 4 38 rubber
JD 4010 diesel, good solid tractor
MF 300 quick tach 13' grain head, 2 row wide corn head
Ford 2000 w/wide front & 3 pt
JD 4320 w/cab, fully equipped w/dif lock, 1 owner, 3100 hrs
IH 856 diesel 38" SOLD new TA, 3 pt
IH 1026 hydro fully equipped
JD 4020 Diesel, power shift, 38" rubber, cab, clean
IH 1456 fully equipped w/new T A
(2) IH 1206 WF dual pto, 3 pt new ta
IH 1256 nice, clean, original tractor
1970 JD 3020 D Side Console 38" rubber Clean local tractor
IH 1066 w/yr round cab new rubber, TA & clutch, new last fall Local tractor
Farmall M with wide front
Farmall M w/wide front & PS
IH 806 gas wide front, nice
AC D17 gas, clean
7½' pulltype rotary cutter
IH 2350 mountomatic loader
IH 37 10' disc
1 pull type Krause chisel plows, 1 10 or 12 tooth other SOLD th
JD 494 A 4 row narrow planter
NH 354 grinder mixer, heavy pto & tires, long auger, hammers never turned Real nice $3300
IH 540 plow 4 bottom, 16"
Loader to fit IH 706 1456

MISCELLANEOUS
Cab for 3010 to 4020, year round" also 4320
IH & JD rear & front weights
Duals for JD & IH 34" and 38"

Box 91 New Providence, PA. 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

FOR SALE

USED TRACTORS
AC (2)-7000 w/cab, (2)-200 w/cab, (2)-XT 190, (3)-185, (2)-175, 170, 5040, (7)-D-17 gas & diesel some w/3 pt., D-15 gas 3 pt., D-15 gas snap coupler, D-14, D-12 high clearance w/cultivator, WD 45, B w/2 way plow, 5050 4 wheel drive w/front end loader; 5040 w/front end loader
Ford 9600, 6600, 5000, 4000, 3000, 2000 w/loader, NAA w/loader, (4)-8N, 3600 w/cab, 800 diesel w/loader; 3010 diesel w/cab
JD (2)-4020, (3) 3020, 3010 G WF, 620, 2640, 2640 w/148 loader, 3010 diesel w/cab.
IHC (2)-544D, (2)-574 w/loader, 560 D, 504, B 275D, 340, 240, 230, 140, Super MTA, Super M, Super C, Super A, Super AV, 4 cubs, 2400 w/loader & cab, 826 diesel very sharp, 806D 656D hydro; 826 diesel w/cab, 100 hydro w/cab.
Case (2)-430, 530D w/loader, 560
MF 235D, 165D, 38" tires w/loader, 35

BALERS
JD 336 w/throwers
NH 320, 275, 268 w/throwers
MF 12
Hesston 5400 & 5800 round

CORN PICKERS
NI 323 1 row, (4)-NI 325 2 row narrow, (2)-324 2 row wide, 8 & 12 roll husking beds. 314 & 329 Super Sheller attachments
(2) IHC 1 PR 1 row

MANURE SPREADERS
NI 75, 95, 135, 165, 200 bu spreaders, ground drive & pto
Hawk 207 tank
Hawk 157 tank
Hawk 187 tank
Starline 145 bushel
New Starline 200 bu tanks at old prices
NI liquid

In Stock
Meyers Heavy Duty Commercial Sprayers
Ideal for Gypsy Moth Spraying

MOWER CONDITIONERS
NH 489, 479, 478, 477
Hesston 1090 pt 10 & pt 7
JD 1209, 1207
NI MC 7' & 9' conditioners

USED INDUSTRIAL
Log Skidders: Prientice log loader
Bull dozers. JD 350 B, 450C w/6 way blade H4, 653, all w/6 way blades.
Crawler Loaders: JD 350 C, AC HD-3, HD-4 & 655
Backhoes. AC 615, 715; Bobcat 610 skid steer loader backhoe available. JD 410 w/cab
Several new & used tag along trailers
York rakes
New and Used hay and grain elevators
New Brillion cultipacker/seeders
Early buyer discounts. Special deal on AC new 5050 tractors, 2 & 4 wheel drive models, 185 & 7010.
Case 1816 skid steer loaders very good condition

COMBINES
AC F2 diesel, cab, 4R corn head, 14' grain platform, $460, exc. cond.

USED MIXER GRINDERS
JD 700 mixer grinder w/scale exc. cond.
Gehl 95, 120
IHC 1150

USED CORN PLANTERS
JD 1240 plateless corn planter
JD 494A
AC No-Till
AC 4 row plate & plateless
2 row 3 pt. hitch
AC, JD & MF
Used Ontario 10 Grain Drills
The Solution for your pickup truck with rusted out boxes. - New Lamco pickup stake body. 8' long side boards & drop tailgate. Now in stock. Priced at $395.

FORAGE BLOWERS
NH 25, 27, 28
JD Kools & AC
Gehl 800 w/recutter

CHOPPERS
Hesston 7020

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Sales & Service AC, NI, Hesston, Kubota

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

BALDWIN ELECTRIC MOTOR DIVISION, INC.

REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
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BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

Nothing runs like a Deere

JOHN DEERE

THIS WEEK'S SPECIALS

New JD 2420 Self Propelled Windrower w/diesel engine, cab and air

30% OFF

List Price	$31,400
SALE PRICE	$21,980
SAVE	$9,420

Less $450 of JD Money

HAYBUSTER No-Til Drill For Sale or Rent

JUST ARRIVED! JD 4 & 6 Row Cons. Planters

USED TRACTORS
JD 2640
JD 2840 w/Loader
JD 50
IH 656 Hydro.

USED CORNPLANTERS
JD 7000 No-Till 4 Row
JD 1260 w/monitor
JD 494A

USED HAY & FORAGE EQUIPMENT
JD 35 Fg. Harvester w/N2 head
JD 3800 Forage Harvester w/2RN
Fox 2200 Fg. Harv. w/2 heads
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
NH 1010 Auto Bale Wagon
NH 273, 271 & 269 Balers w/Throwers
OMC 9' Mower Cond.
JD 1207 Mower Cond.
JD Hay Crimper
NH 1469 SP Haybine, w/Ford Water Cooled engine
NH 469 Haybines
Hesston 1010 Swing Tongue.
JD 216 Fg. Wagon w/6 Wheel Gear

USED TILLAGE
9 Shank Soil Saver

MISCELLANEOUS
15 HP 3 phase elec. Grain Dryer Motor
NH 352 Grinder Mixer

NEW DRILLS
JD 8200 18x7

NEW TRACTORS
JD 2040
JD 2440
JD 2640
JD 2940
JD 4440 SG.
JD 4240 RG

NEW HAY & FORAGE EQUIPMENT
JD 506 Gyamor Mower
JD 1209 Mower Conditioner
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 337 Balers
NH 315 & 320 Balers
JD 2420 Sp. 12' Dsl. Mower Conditioner
NH 1495 SP Haybine
NH 489 & 495 Haybines
JD 567 Wheel Rake
NH 256 Rake
JD 714 Fg. Wagons

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow

NEW SKID STEER LOADERS
Bobcat 642 (Demo)
Bobcat 743
Repo. 731

NEW SPREADERS
NH 329, 519, & 791
JD 450 Hydro Push Martin V Type & Scavenger
H&S Spreaders

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
EZ-Flo Gravity Boxes

No Finance Charge On New & Used Tractors til June 1st. 1982

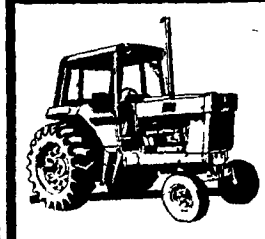
No Finance Charge On NH - Forage & Hay Tool Till Sept. 1, 1982 JD Hay & Fg. Equip. Till May 1.

New Store Hours Friday & Saturday
Fri. 7:30 to 7:00
Sat. 8:00 to 3:00

CLUGSTON IMPLEMENT, Inc.

1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND



USED EQUIPMENT

4 Wheel Drive Attach. for Late International Tractors
JD 4430 Cab, Air, Quad Range
JD 4230 Quad Range, No Cab, No F SOLD
IHC 966 Tractor, new in 1976
Farmall 656D TA Tractor
AC 4 row no-till Planter, like new
Gehl 1500 Round Baler
1975 1466 w/2000 hrs., cab & air, excellent, $14,000
1975 Case 1070 w/cab & Air
JD #1600 12 Tooth Chisel Plow
IHC 986 Tractor, Cab & Air
IHC 706 Dsl. Tractor
IHC 1456 w/dual PTO's and 23 1x34 rear tires, new clutch and TA runs excellent

PARTS FOR SALE

JD 3010 Tractor
IHC 815 Diesel Combine
Massey 510 Gas Combine

RAYMOND B. LEAMAN

Willow Street RD 1, Ph. Lancaster 464-2778
Midway between Lancaster & Quarryville off Rt 222 take Brenneman Road at Graybill Bros. Garage, Refton

HOOBER'S

WHITE TAG SALE

Look For The White Tags For Special Prices

NEW TRACTORS

DX140 Deutz, 135 h.p., 2 WD, options - 20.8x38 tires, 2 remotes, cab, air, AM-FM tape.
Demo Unit Available Priced to Sell!

USED TRACTORS

1587 Deutz 8006, 2WD, w/cab & duals
1515 Deutz 4006 1975 4 wheel drive
992 Deere 4620 w/new cab
1421 IH 4586 4 Wheel Drive 4 Remotes 20 8 x 38 duals
1426 IH 4586 4 Wheel Drive, 3 Remotes, 20.8 x 38 duals
1552 Steiger ST-251 Cougar III w/duals

DISC HARROWS

1579 IH 490 24', good cond.
1466 A-C Model 2300 18' Folding
1220 Deere Model 230 25' new blades - reconditioned
1301 Deere Model 330 24' new blades - reconditioned
1511 Deere Model 330 24' new blades - reconditoned
1512 Miller Model 8500 26' Offset - new blades
1385 Sunflower G-3-20 20' Offset - new blades
1486 Sunflower G-4-29 29' Tandem
1550 A-C Model 2300 Hyd. Fold 20'
1429 A-C Model 3300 22'

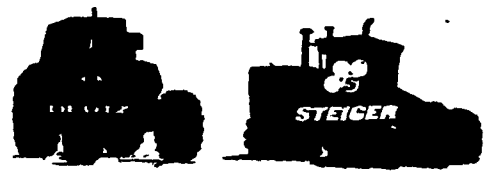
CULTIPACKERS

1182 Brillion 24' 3-8' Sections Crowfoot
1119 Chatanooga 32' 3 Section Crowfoot
1037 Deere 12' Solid

OTHER EQUIPMENT

1364 Deere 25' Field Cultivator
1069 Deere 20' Spring Tooth
1378 Ferguson Model 147 14' Spring Shank Chisel Plow
993 IH 510 6-16 Moldboard Plow Rebuilt
1484 Westgo 4 row Cultivator
1549 Ferguson Model 147 12' Spring Shank Chisel Plow

DEUTZ STEIGER



HOOBER equipment, inc.

RD1, Box 45A, Sudlersville, MD 21668
Located at Jct 301-300
(301) 758-1212

New Equipment Specials For the Month of April

IH 986 tractor	$25,000
IH 84 hydro tractor	$13,200
IH 720 5 furrow 18" plow, automatic reset	$6,800

F.O.B. McAlisterville
No Trades

NEW EQUIPMENT
IH 784
IH 684
IH 584
#10 flail chopper $3700

USED EQUIPMENT
IH 544 diesel w/Kelly loader, excellent shape
IH 544 gas hydro, new engine $5200
IH 666 gas tractor
Ferguson tractor
Farmall A tractor
Farmall 460 gas, $3500
AC gleaner combine model CII 14' grain & 4 row corn head $7500
IH 205 combine $6500
Oliver combine $700
IH 311 fast hitch plow $350
IH 76 combine $500
IH 455 4 row corn planter $2500
IH 3 pt. hitch corn planter $500
NH 469 haybine $2400
IH 400 cyclo planter $3000
IH 234 corn picker
72" Woods under mount mower $500
2- IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
Kelly loader $400
2 IH 550 forage harvester hay & corn head $2700
IH 540 furrow plow, $1100
Brillion cultipacker, like new $950
2000 loader
5' rotary cutter, $400

DOMBACH EQUIPMENT

McAlisterville, Pa. 717-463-2191

HAYBUSTER

New Semi-Mounted No-Till Drill

- Seeds anything from alfalfa to soybeans, including grasses.
- Very maneuverable - seeds 10'-8", 8" spacings.
- Ideal for double-cropping and pasture seeding.
- Triple disc openers - coulter in front of a double disc to penetrate heavy residue. Single or dual packer wheels.
- Accurate seed rate is provided by meter control with infinite adjustment.
- Standard ballast tanks add up to 1000 lbs. of extra weight to penetrate no-till fields.

No-Till Saves Tractor Time And Valuable Fuel
Leaves More Moisture And Conserves The Soil

STANLEY'S FARM SERVICE

RD Box 46, Klingerstown, PA
717-648-2088

JOHN DEERE

JD 4020 Tractor P.S. W.F.
JD 4020 Tractor, WFE
JD 4030 Tractor
JD 4030 Tractor
JD 2440 Tractor
JD 2030 Tractor
JD 620 Tractor
IH 1066 Tractor
IHC 656 Tractor
JD 170 Skid Steer Loader
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
JD 1440 No Till Corn Planter
JD 1440 Planter w/Plateless Units
JD 300 Corn Husker w/244 Corn Head
JD 7000 8R Planter
JD BWA Disc
Athens Disc
JD B Plane 15 Disc Grain Drill
JD 6600 Combine, hyd. drive w/platform
JD 6600 Combine w/15' Platform & 444 Corn Head
JD 105 Combine w/platform and corn head
Gleaner MKS II combine w/platform & 6R corn head
Gleaner A Combine
Woods 120 Offset Rotary Mower
JD 709 Rotary Mower
JD 214 Baler w/thrower
NI 279 Cut/ditioner
JD 2800 6B Plow
JD 145 6B Plow
JD 1450 5B Plow
IHC 5B Plow
IHC 6B Plow

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

Ford Tractors Equipment AVCO NEW IDEA WE HESSTON FARM EQUIPMENT

USED TRACTORS
Ford 5600 Dsl
Ford 3000 Diesel

USED TILLAGE EQUIP.
Oliver 5 Btm auto reset plow
White 508 4B 18' Auto plow
MF 5B Semi-Mtd
Ford 246 12' Offset Disc
Kewanee 14' Cultimulcher

USED HAY TOOLS
Hesston PT10 Windrower
MF Dyno Balance Mower
NH Bale Elevator

MISCELLANEOUS
Grain Chief 450 Dryer
N I 109 Fertz Spreader
200 gal Trailer Type Weed Sprayer

COMBINES
White 8700 (1980)
MF 410

USED PLANTERS
(2) White 5400 4R
IHC 56 6R
IHC 400 Cyclo 6R
IHC 455 4R

STANLEY'S FARM SERVICE

RD Box 46
Klingerstown, PA
717-648-2088

FARM EQUIPMENT

For Sale

AC 4 row no till liquid fertilizer planter $1800, 8 extra planter units $100 each, 5 ton Stoltzfus fertilizer spreader, drag chain $1000, Ford 3400 skid loader $2800, Ferguson 135 tractor $2500, Harvestore silo 14x50 w/grain auger $4000, AC silo blower $400, Caterpillar D6 dozer w/backhoe needs work $1500, Butler new matic blow tank, engine and blower okay, tank needs some work $1000, AC 14' grain head for C2 Gleaner $1200, two AC 6 20" row corn head for C2 Gleaner $500 each, JD 6600 corn head 6 20" rows $1200, HD6 AC front end loader needs work $3500, Clark gear drive electric forklift and charger, works $600, 1970 IH travelall wagon $450, 3 square steel grain tanks, approx 1500 bu needs repair $200 each, 1966 GMC V6 feed blower truck w/dump body $2700 , Massey 92 combine 2 row corn head $100, 92 Massey 12' grain head $100, 14' plywood boat covered w/fiberglass $85, 1967 H model Mack single axle, broken block $2000

301-848-3789
after 7 00
Westminster, MD

FARM EQUIPMENT

NEW & USED EQUIPMENT

Ford 4000 SU
Ford 3000
JD M w/cult.
JD 40 w/cult. and 3 pt.
JD 100 w/cult. & 3 pt.
JD 1020
JD 1520
1955 Oliver
Farmall 656
Farmall 460
Farmall 200 w/fast hitch
Farmall 140 w/equip.
Farmall A w/Woods mower
IH 574
IH 544
IH 340 utility
IH 2500 series A w/loader & 3 pt.
MF 20 w/loader & 3 pt.
Case 310 crawler-loader
Case 1150B crawler-loader
IH 340 crawler-loader
Grizzley 3 pt. backhoes
NH 256 hay rake
NI hay rake
NH 273 baler
MF 1050 grinder-mixer
NH 353 grinder-mixer
AC model 333 no-till planter, planted only 60 acres
2 row pull type & 3 pt. cornplanters

New Woods Mowers of all sizes and styles

Large selection of discs, plows and misc. equipment

York County Farm and Industrial Equipment
Box 222, Emigsville, PA 17318
717-764-6412 or 717-764-5115

IH SUPER SAVING TIME

PARTS VALUE OF THE MONTH

Farm'n Ranch Sale

MUFFLERS AT GOOD PRICES DURING APRIL...

Top quality to fit all IH and most competitive makes

Quiet down! Restore peak performance!

SAVE up to 32%
IH MUFFLERS

REAL SAVINGS ON FENCE CONTROLLERS THIS MONTH...

We have a full line of controllers and insulators

Play it safe! Fence in your profits!

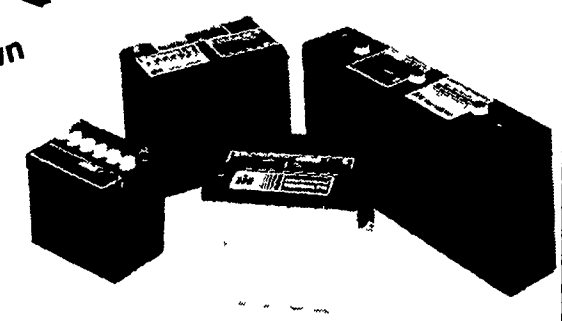
SUBSTANTIAL SAVINGS NOW!
IH ELECTRIC FENCING

High Voltage Sale

Get Ready for Spring With an IH Battery! up to 38% Off During April

Come On Down

Get A Deal From "Hen"



PARTSMART

ERB & HENRY EQUIP. INC.
New Berlinville, PA 1 Mile N. of Boyertown
Phone (215) 367-2169

Daily 7 to 5; Sat. 7 to 3

(Combines, Tractors and Equipment on our Lot.

(Combines) Used JD 8820 fully eq. w/4 whl drive and dual wheels used 1½ seasons like new w/flex grain, New JD 4420 fully equipt. w/213 grain & 443 C.H. 1977 JD 4400D fully equipped like new. INT. 1440 axiel flow w/4 wheel drive, used 480 hrs., White 8900 used 400 hrs. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner K C.A. w/grain, real nice, JD 6600 Side Hill turbo, hydro, floating cutter bar, real nice, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head. MF 510D Hydrostatic w/mud hog rear wheel drive w/Quick tach grain and 44 Lo Profile corn head. MF 300 w/cab and quick tach grain and 24 corn head, 1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head, JD 6600 D w/air & 13 Ft. grain. JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain and 844 C.H., Int. 810-15 ft. floating cutter bar.

1977 Int. 915 w/rear wheel drive, grain and 863 C.H.; Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. MF 550 D w/13 ft. grain, 1972 Gleaner F w/grain & corn.

N.I. 702 D w/767 Super (SOLD) Chopper. N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller, 702 D w/rebuilt (SOLD) motor.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, new JD 4240 C.A. Q.R., Farmall 560 D WF, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl., M.F. 165 Tri D. N.H. 1010 Bale Stack Wagon, Corn Heads. Gleaner FL430, A430 for F or F2, MF 421.

New John Deeres 4240 w/Roll Guard & Q.R. $24,900; New 4040 w/Power Shift and R.G. for $23,950, JD 2020, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 1256 w/cab & air, 2 New Haybines, New Gehl 1090 9' for $4450, New NI 299 for $4250, (9) real nice balers, Int. 445 baler w/thrower like new NH 320 w/thrower, used 1 season. NH 273 w/thrower, real nice, NH 268 w/thrower JD 346 wire w/thrower; JD 24T w/#30 kicker, J.D. 336 Baler real nice, New Gehl 1600 round baler, Hawk Built round baler.

Corn Heads JD 643, 444, 435N, 313 for 45C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, F430, F438, A430, K238, F335, F330, K330, Int. 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 744 for 715, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444, $7350. Just Rec. - New JD 643 for $10,800, used White 704N, 706N C.H. used JD 444 for $3500.

Tractors just dealt for on our lot. New Int. 5088 fully eq. New Int. 3388 -2 plus 2, at $29,900, new Farmall 1586 w/radial tires and triple outlets. for $29,500, used 1086 w/cab and air $18,000 Farmall 1466 cab and air for $13,900, Farmall 1066 w/cab & air, very nice, INT 574 diesel, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, 706D W.F. and 3 pt. 766D w/38" tires and 3 pt., new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2640, 2630, 1966-4020, 1966-3020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. JD 4520 w/cab (SOLD) and duals, MF 175D w/Loader, MF 3165 w/Loader, New AC 185D, 75 H.P. w/roll guard (SOLD),2440 w/R.G. 2840 for $12,000, 1970 JD 5020 w/new tires, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 5020 original w/dual wheels; JD 4430 CA Quad w/long axles for duals; JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320 for $11,850.Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; NEW New Idea 325 w/12 roll bed, Used (4) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. NI 323 one row, Int. 234 w/12 roll bed. JD 3800 2 row chopper

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, J.D. 4010 gas. JD 4020 gas $4900. JD 4430 w/-sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab, 2-JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 706 Gas, 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, 560, Farmall Hi Crop- 656 diesel, 756, Cub Loboy w/mower,

HARVESTERS. New Int. 720 w/2 row, JD 38 w/2 row pickup N.H. 770 w/2 row, Used Int. 720 - 2 row, J.D. 38 Chopper w/2 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Fox 2 row snapper head. Grove Forage Wagon w/roof, NH 770 1 row snapper C.H. NH Super 717, Gehl 600 w/2" 30" & pickup head.

ALLIS CHALMERS 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch, AC D17 gas WF, AC D19D.

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, 4010D w/WF, 730D w/fenders and 3 pt. JD 2020 w/loader, JD 3020 P.S. Gas JD 4030 w/R.G. and Quad.

FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new; used 1086 w/Rops, 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air for $12,000, 1206 w/cab, 1206 w/fenders, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 400 w/P.S. & F.H., Super M, Int. 574 for $4950.

New White 2-105 w/cab $22,850. Oliver 1755 w/cab and air. Oliver 1750 w/over and under, $6250, 1650 nice, 2255 w/V-8 cat, Oliver 1600 gas.

MASSEY FERGUSON - new 2705 CA, 24 spd., 1130, Super 90D for $3400.00.

MF 165D w/heavy duty (SOLD) loader.

(Case) New 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., 1070 P.S. original for $7450 Case 1410D.

Case 900 Standard D, Case 1370 - P.S., Oliver 1850 D. w/over & under shift 1950T w/cab, 2050, 1855 w/20:8 tires, 1850 w/cab, Ford 6600 w/cab, like new, 6000 Commander, D Ford 5000 D w/Loader, MM S670 diesel.

Tractors and Equip. just dealt, Farmalls 1086, 1466 Super H, 1972 JD 4020 w/factory cab original, MF 175D, NH 489 Haybine, JD 700 gr. mixer, Woods 4 row stalk shredder.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. N.I. Demo 768 WN 3 (SOLD) row head, N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, JD 216 flex heads

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 955 crawler loader for $5500.00, Case 850 D dozer w/hydrl. blade, Case 530D. L & B - $4475, Skid Loaders - Bobcat Hydro 720, 700. Ford CL40 Skid Loader.

CORN PLANTERS - Used JD 7100-12 row no til hydraulic fold soybean special used less than 300 acres, New 7000 JD 4 row w/Inst., fert. & monitor $6950, used 7000 JD 4 in. 30", $3950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for 6850, N.H. 38 Flail (SOLD) Chopper. Bearcat 950 Grinder Mixer used twice, like new. Int. 1250 Gr. Mixer w/elect. scales-nice, Int. (SOLD) 56 Blower. N.I. 325 picker w/sheller, NI 324 w/super sheller.

JD 220 hydraulic fold wing disk; New Case 22 ft. hyd. fold field cult. Used Case 13 ft. Disc w/new blades and dual wheels. (used haybines) NH 489, NI 279 9', NI 272, 7' cut/ditioner, MC 9 & 7' rotary scythe, Hesston PT10, NH 479, Int 990 7' (SOLD) haybine.

NH Super 55 rake. New Caldwell 8 ft. heavy 3 pt. blades. Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult, used Brillion (SOLD) 3 pt. field cult., used Glenco SS9 soil saver.

Used JD 1240 plateless w/Inst. and XX Disk openers, Int. 4 row air (SOLD) planter, grain drill, used JD 8350 23x7 w/XX disk, used White 4x16 reset plow.

White 6 row w/no til fert. fill, inst. and monitor, (2 offset Disks) Wilbeck 12' offset like new, Miller 14 ft. (SOLD) offset. JD 1630 - 11 ft. disk, JD Disks #210. Int. #480-22 ft. Wing Disk, Oliver 13 ft. heavy blade disk. Int & Oliver 8 ft. 10 & 12 ft. discs

PLOWS - Int. 6X spring reset, JD 7X on (SOLD) land hydrl. reset, Ford 5x18 spring reset. Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. reset, Int #140 - 4x18 rollover plow, IH 4x16 rollover, J.D. 3 pt. 4x16 Hi Clearance (SOLD) plow, new Brillion 25 ft. hydraulic fold cultimulchers at good discounts, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Gr. drills - used JD 8300 21x7 ft. disk like new, new Int. #80 snow blower; New Johnson loader.

JD #1600 - 16 pt. mill chisel plow, Used JD 10, 12, 14' chisel plows, 3 pt., new Bush Hog 3 pt. 10 & 12 ft. chisel plows, New White 14 ft. field cult., Kawanee 22 ft. Wing Disk JD 400 rotary hoe, NH 26 blower, used long 1199A 3 pt. backhoe, like new.

Loaders - used JD 148, JD 58 used Int. (SOLD) 2350, loader, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) JD 7700D, Int. 715D, MF 510, Badger 1500 gal. liquid tank spreader.

TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

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1981. S-2500 Int. conventional w/a 469 bushel grain body 18000 lab., front axel 38,000 lb. tandem rears. Double frame Cummins 290-10 spd. - 18'5" grain body-52" sides 25 ton hoist, miles-$44,600.

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JD 1520 w/Loader
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JD 2510 Gas
David Brown 1210
Ford 8600 Tractor
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Farmall 560 Diesel

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JD 4000 Disk Harrow, 12'
International 12' Disk Harrow
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8 ton wagon gear, 8" rims, used tires, $495

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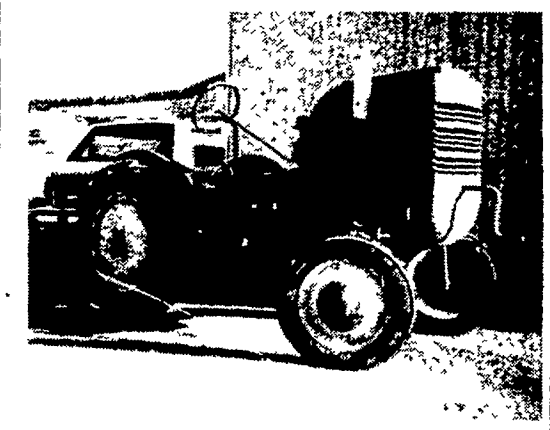

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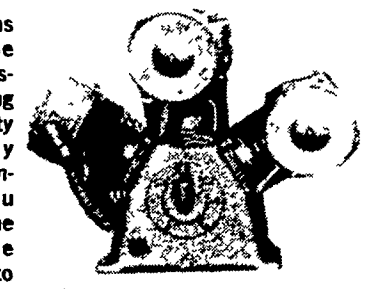

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All cast iron constructed smooth running

2 Stage	SALE	Reg
3 HP	$401.25	$450.00
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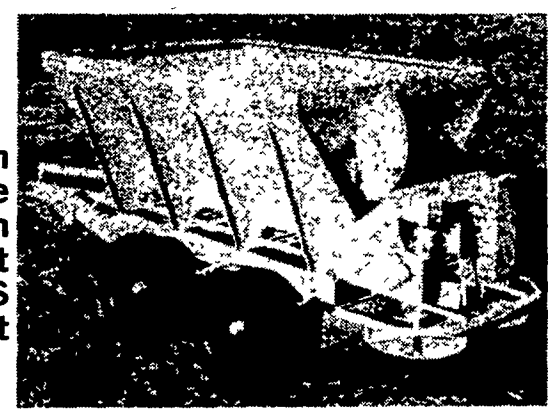

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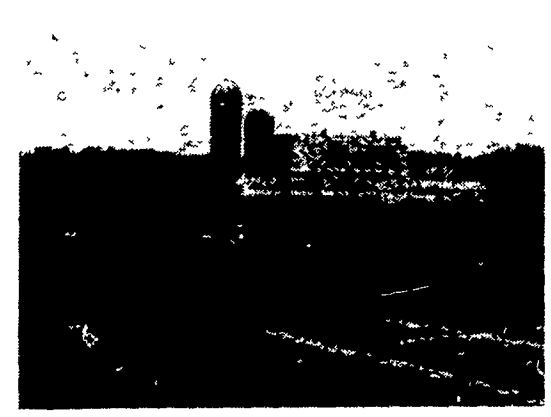

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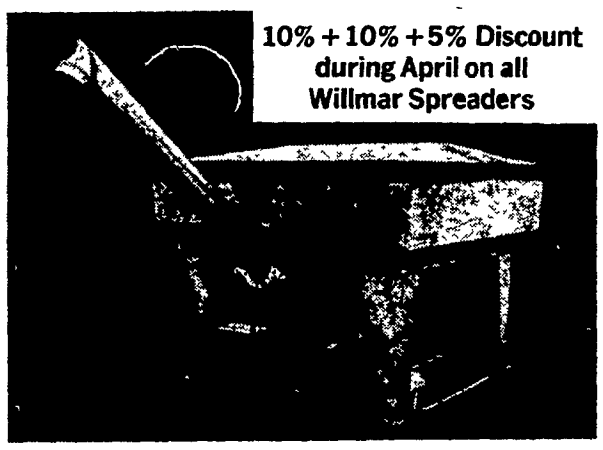

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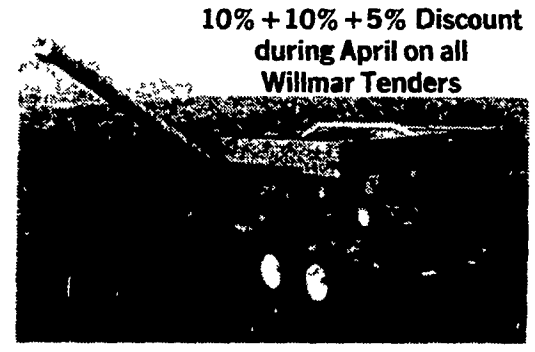

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11 - 1000x15 8 ply	$102 20	$60 00
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	Gals.	$3.99	3.79
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John Deere Oil			
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4 pt. Barbed Wire		$36.95	$30.95
2x4 Wire 4 ft & 5 ft		$70.00	$50.00
Smooth wire by the 100 ft. roll		$70 00	$40.00
Locust Posts		$3 00	$2.50
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No 50 Bag Dried Molasses 45% Sugar	$6.95	$5.75
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No. 50 Bag Aureo Crumbles, 2 gram	$14.99	$12.40
No 50 Bag Tramisol Cattle Wormer Pellets	$19.90	$16 70
No 80 Plain Salt	$5 40	$4 40
No 80 Bag T M Salt	$5 95	$4 95
No 50 Blocks Plain Salt	$3 65	$3 15
No 50 Blocks T M Salt	$4 35	$3 85
9000 Ft. Mustang Baler Twine	$21 95	$19 45
No 50 Bags Thomasville Barn Grip (Ton)	$32 00	$30.00

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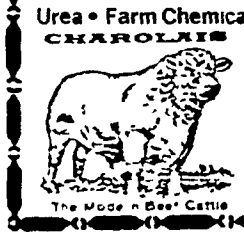

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Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

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1 - JD 4020, good cond.
1 - Ford 4000, good cond.

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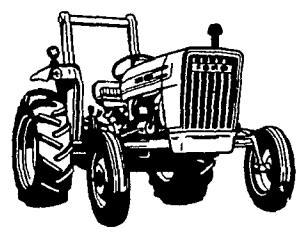
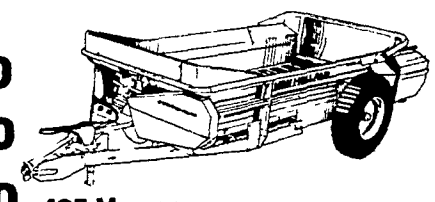


(While They Last)
1981 FORD 3600 (40 H.P.) No Trade — $10,200
Model 131, 10 tooth chisel plow — $2,500

NEW HOLLAND SPECIALS

Lease Returns (1) 513 Spreader 2 Beater w/manure pan — $3,000
(1) 303 Liquid Spreader — $9,200
Model L35 Skid Steer Loader — $13,500
L425 Skid Steer Loader — $10,500
847 Round Baler — $8,000



495 Mower Conditioner — $9,000
329 Box Spreader — $2,750
310 Baler w/Thrower — $6,900

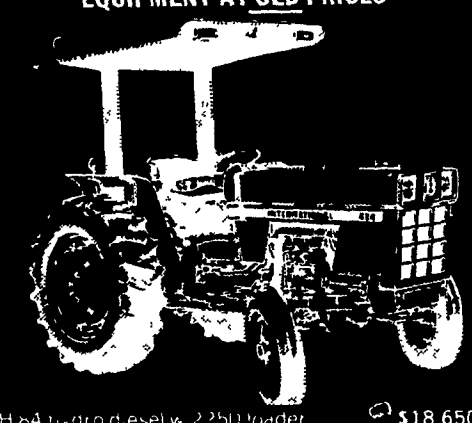
GOOD USED EQUIPMENT

Mower Conditioner	Owatonna 208	Baler	N H 273
Mower Conditioner	I H 816	Plow (2 way)	Ford 145
Mower Conditioner	A C 390	Crusher	N H 404
Mower Conditioner	New Idea 290	Forage Wagons	N H 7
Mower Conditioner	NH 479	Tank Spreader	JD 465
Flail Chopper	N.H 33	7' mower	NH 451

BROOKS FORD TRACTOR, INC.

West College Avenue
Pleasant Gap, PA 16823
PH: 814-359-2751

NEW IH TRACTORS & EQUIPMENT AT OLD PRICES



IH 84 Hydro Diesel w 2250 loader — $18 650
Also 484 584 684 diesel tractors at special OLD price

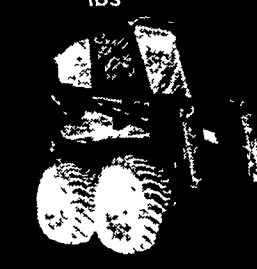
IH 800 6 row air planter	9985
IH 435 baler w thrower	$7,995
IH 445 baler w thrower	$8 995
IH 1250 grinder mixer	$6 225
IH 730 adj width 4 bottom trip plow	$5575
IH 720 5F 18 auto reset plow	$8325
IH 982 cadet 20 HP w 3 pt hitch	$4375
IH 582 gear drive Cadet 16 HP	$2375
4500 field cult 16 5	$2750

(Rebates are available on machines marked with an asterisk)

RED HOT SPECIAL

HYDRA-MAC 20C SERIES III SKID STEER LOADER

- 58 H P 144 cu. inch diesel engine
- Fully hydrostatic all gear drive
- Tipping load capacity 4000 lbs
- 10.00x 16.5 6 ply tires
- 68" material bucket
- 66" manure fork



List $23,500 (1 Only)
SALE .. $15,280

USED TRACTORS & EQUIPMENT

Farmall 1566 w cab air conditioning local tractor used 1675 hours sold new in 76	$18,750
Farmall 686 diesel	$12,900
Oliver 77	$1,200
IH 544 Hydro utility 3 pt hitch	$4,900
IH 715 diesel combine 4 row narrow corn head 13 grain head	$23,000
NH 352 grinder mixer	$3,150
NH 479 mower conditioner	$3,150
NH 717 forage harvester corn head & grass head	$1,275
Gehl forage harvester w 2 row corn head and grass head	$1,000
IH 830 harvester w 2 row head	
JD 24T baler w thrower	$1,500
IH 37 baler w thrower	$800
IH 430 baler w thrower, exc	
Walsh 200 gallon sprayer	$1200

NEW ALLIED EQUIPMENT

Amco 10'6" rock flex disk harrow w/22" blades	$4,175
Brillion 12 cultipacker	$1,275
McCurdy #230 gravity box	$675
Century 400 gallon poly spray tank	$350

In our continuing effort to better serve our customers, we are happy to announce a new toll-free telephone number that will go into effect April 14, 1982. Call 800-692-7829 for your sales, parts & service needs.

We ship parts by UPS daily

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419

LANDIS BROS., INC

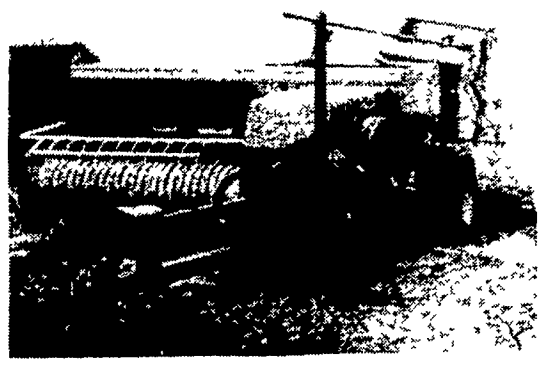
1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

SPECIAL JD FP WAIVER PROGRAM ON NEW JD ROW CROP AND UTILITY TRACTORS UNTIL 6-1-82

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS

Call Right After 7 A.M. For Informaton & Prices

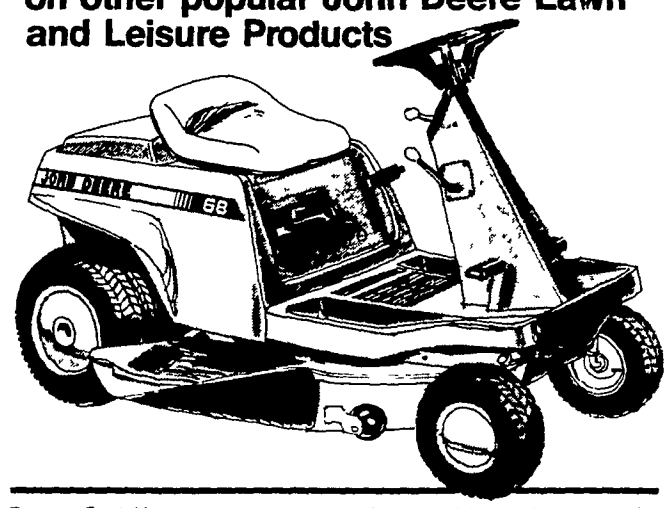


JOHN DEERE 346 BALER WITH NO. 30 EJECTOR

IHC 830 PT N3R 30" RC & HAY PICKUP

DOWN TO EARTH VALUES

Save $85 on this 68 rider, up to $400 on other popular John Deere Lawn and Leisure Products

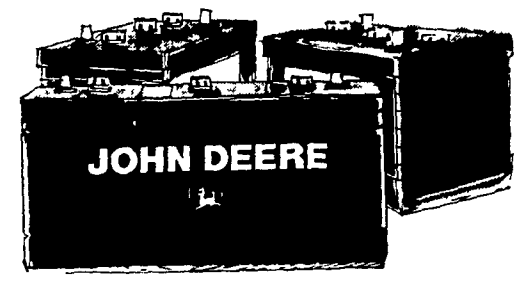


Down to-Earth Values is our biggest sale of the season! The most popular John Deere lawn and leisure products are reduced up to $400 toward the purchase price Here's what you'll find

- Save $100 to $400 toward the purchase price of new lawn and garden tractors
- $15 toward the purchase price of a 30 Dump Cart that attaches to the 68 Riding Mower
- Save up to $50 toward the purchase price of other John Deere lawn and leisure products

Hurry in now Offers expire May 31

TRADE UP TO A JOHN DEERE BATTERY



SAVE 25% on all batteries with trade-in

Bring in your present battery, we'll give you credit on it, and an additional discount of 25% toward a new John Deere battery It doesn't matter what condition your old batter is in, either We stock conventional and maintenance-free batteries for farm and industrial machines, cars, trucks, snowmobiles, boats, lawn and garden equipment and more John Deere batteries feature a one-piece cover that reduces corrosion and short circuiting It's epoxy bonded to a hard rubber case for durability, long life and easy maintenance

Free battery check-ups on any type of machinery while offer lasts.
Act now Trade-in offer ends April 17, 1982

Nothing Runs Like a Deere®

Used Spreaders

NI 206 Gr. drive
NI 214 Flail
NI 224 10 Ton w/Endgate

Used Combines/Corn Heads

JD 7700 w/14' plat.
JD 6600 hydro. w/13' flex plat. & 643-6RN head
JD 444 corn head
JD 4400 w/13' plat.
Grain combines waiver to June 1, 1982 JDFP

Used New Idea Uni-Equip.

702 dsl. power unit w/cab
705 dsl. power unit w/cab
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC

Used Disk Harrows

JD 210 12'10" 36 BL
JD AW 15'2" 44 BL
JD F930 15'30" 3 Pt. Roller Harrow

Used Grain Drills

JD FB17 B Single Disk
Ontario 16 Disk w/GSA

Used Tractors

JD 2640 RU dsl. w/146A loader
JD 4230 quad. range, round guard body
JD 2630 RU dsl.
JD 3020 dsl.
JD 1520 RU dsl.
JD 4010 dls. WFE
JD 3010 dsl. RC
JD 1010 gas w/36A loader
JD G w/front mtd. wood saw
MF 65 dsl.
IHC Cub w/mower
IHC 606 dsl. w/TA
IHC Super A w/plow & cult.

Used Moldboard Plows

JD 350 Semi-Mtd. 6B16" P/Reset
JD 350 Semi-Mtd 4B16" P/reset
JD F345 Semi-Mtd 5B16" P/Reset
Ferguson 3 Pt. 2B 14
IHC 311 Fast Hitch 3B16

Fert. Spin Spreaders

New NI 119

Used Cultivators

JD RG430 4 row 30" Rear 3 PT
JD RB2 2 Row 3 PT

Used Forage Harvesters

JD 3800 PT w/2R - 30" RC
IHC - 830 PT N/3R 30" RC & hay Pickup w/Knife Sharpener
Fox 2000 w/elect. Knife Sharpener 2R - 50" & Hay P.U. Attach

New Tractors

JD 4640 PS SG	JD 2940
JD 4440 PS, SG	JD 2640
JD 4240 Quad, SG	JD 2440
JD 4040 PS SG	JD 2240

USED LAWN & GARDEN TRACTORS

JD 212 12 HP w/46" Mower
JD 110 8 HP w/38" Mower

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available
With or Without Steel Wheels
With or Without Endgate Att.
For Shipment NOW Order Yours Today.

SPECIAL PRICES ON 7000 REG. 6RN MAXI PLANTERS

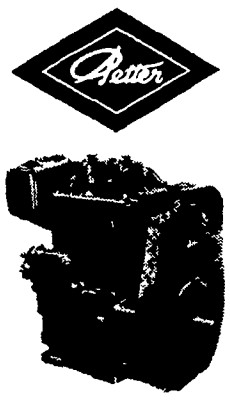
USED CORN PLANTERS

	Was	SALE
JD 7000 4 RN w/Dry Fert , Insect Monitor	5895	5595
JD 1240 4 R Plateless w/Dry Fert , Insect	2150	1950
JD 1240 4 R Plateless w/Dry Fert , Insect	2450	2250
JD 1240 4 R Plateless w/Liquid Fert Att , Insect	1950	1750
JD 1250 6 RN w/Dry Fert , Insect , Monitor	2995	2695
JD 1240 - 4 R Plate Type, Dry Fert , Insect	1550	1400
AC 600 6R no-till w/Dry Fert , Insect , Monitor	3950	3650
JD 494A 4 R w/Dry Fert , Insect	1150	1450
AC Model 500, 4 R, Fert Att	550	495
Oliver Model 540, 4 R Plate Type	600	550

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



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Your Service Problems
HOOVER DIESEL SERVICE
PH 717-656-6133
2998 West Newport Rd
Ronks, PA 17572

GOOD USED EQUIPMENT

MM G900 diesel
Farmall 544 tractor
Oliver 770 diesel tractor, tricycle front end, good cond.
1 Farmall M
Farmall 504 tricycle front end, gas engine, equipped w/loader
Used IH cub cadets
990 9' mower conditioner
5 S #550 plow

IH 1440 axial flow combine w/1150 hours, excellent condition.

AVCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

TRIPLE-R FARM EQUIPMENT

JD 4020 (SOLD) WF side conv
IH 1456 dual 18.4x38 tires
JD 70 WF PS
Case 830 D'l (SOLD)
Amco 20' wing disc, new 22" blades
IH 5 btm. 14" semi-mtd. plow
JD rear weights
IH front & rear weights
No Reasonable Offers Refused
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Poly-glass fertilizer storage tanks
11 sizes up to 6000 gallons
Cone-bottom tanks from 250 gallon to 2500 gallons
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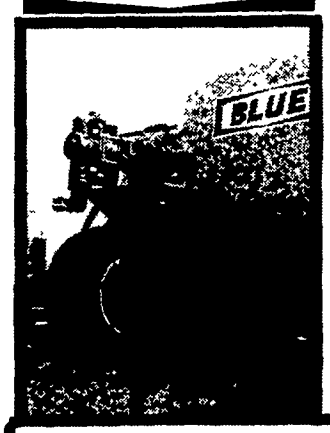
Phone 717-354-5649

BLUE



FEATURES:

UNBEATABLE ACCURACY
- Blue Metering Pump – L 1094 or L-4400
- Speed Sensitive – Set It And Forget It
- Press Wheel Drive

SINGLE UNIT CONVENIENCE AND EFFICIENCY
- Twin 200 Gallon Polyethylene Saddle Tanks
- Metering Pump
- Pump Mount
- Press Wheel
- Side Saddles
- All Mount Together In One Package – Easy On And Easy Off

VERSATILITY
- Pumps Meter Liquid And Suspension Fertilizer And Herbicide
- Use With Planters Discs Our 30 Foot Boom or Other Application Packages

BLUE

FEATURES:
- 500 Gallon Tank (Stainless Steel or Polyethylene)
- 6 000 lbs Capacity 2 Wheel Cart
- Press Wheel Pump Drive (Manual or Hydraulic)
- John Blue s L-4400 or L-4900 Metering Pump
- 30 Boom 40 Boom or 40' Truss Boom
- Without Boom It Can Be Used As Nurse Unit
- 60 –80 Adjustable Tread Width
- Venturi Agitation or Sparger Agitation—Blue s Hydraulic 2" Centrifugal or PTO Centrifugal Pump
- Low Clearance Chassis—12 1/2 (Under Axle) or High Clearance Chassis—26 (Under Axle)

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ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
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NEW TRACTORS

JD 750
JD 1050
JD 2440
JD 2940
JD 125 Skt Steer Loaders, Dsl. & Gas
JD 125 Skid Steer Loader Gas $12,500
JD 90 Skid Steer Loaders

NEW MACHINERY

JD 445 Spreaders N/T $3975
JD 235 19' Disc
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 2700 5x18 Plow
JD 1250 Plow 3x16 $1800 N/T
JD 1250 Plow 4x16 $2450.95
3-JD 336 Spring Tooth Harrows No Trade each $995
JD 7000 Conservation Corn Planters 4R & 6R
JD 16x10 FF Drill
JD 327 Baler w/ejector
JD 347 Baler w/ejector

USED MACHINERY

JD 6600 Side Hill Combine w/15' platform 1978 model $45,000
1-JD 55 Combine, 235 C.H. and 12' Platform $8500
1-JD 4400 Combine, 1977 Model w/444 C.H. and 213 Platform $35,000
1974 IH 100 Hydro Tractor Motor overhauled March 1981
JD 2840 Tractor $14,000
IHC 1066 Diesel Tractor w/cab, air, & heater $16,000
JD 145 Plow, 5B 16" $1800
JD 24T Baler w/#30 Thrower $2725
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine
JD 800 SP Windrower $3500

WALTER'S SALES & SERVICE, INC.
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Mifflinburg, Pa.
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JD Agricultural Dealer and CP

MF Massey Ferguson

Price Rollback.
Waiver of Finance Charges
Offer Expires April 30.

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 4880 diesel tractor
MF 540 diesel combine
MF 860 diesel combine
MF 1143, 1144, 1163 corn heads
MF 13' and 15' tables and UII reels.
MF 39 planter
MF 640 planter
MF 880 plow
MF 129 chisel plow
MF 124 baler w/throwers

USED EQUIPMENT

JD 4020 tractor $7950
Farmall Super H tractor
David Brown 1200 diesel tractor
Case 470 diesel tractor w/loader
MF 1100 diesel tractor w/multipower $7950
MF 135 tractor
Pony tractor with cultivators, one bottom plow, snow blade
NH 273 baler
NH 850 round baler
MF 760 combine 16' head
Case 1160 combine
2 MF 510 diesel combine
MF 24, 33, 43, 44 corn heads
MF 468 4 row corn planter

Renting skid steer loaders.
We Service All Makes Of Equipment
Large Inventory of New & Used Equipment

ABRACZINSKAS Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

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TRIPLE H EQUIPMENT
Peach Bottom, Pa.
717-548-2640 or 717-548-2094

Vicon

NEW VERMEER SUPER SERIES BALERS
Call For Spring Terms
4-504F baler
1-605F Baler
1-MC 9 mower-cond., $6470
1-F100 bale feeders, $2495
7-504G balers
2-SR 1200 Irrigation Travelers — $19,000 ea.

USED & DEMO EQUIP.
1-Vicon 15' power harrow, demo - $6000
1-Vicon 8' mower conditioner, used - $5000 ea.
1-Lely tedder rake, used - SOLD
1-Badger manure soupe SOLD ' demo - $900
1-SP Hesston windrower - $1500
1-605D Vermeer Baler - $4200
1-504F Vermeer Baler - $6200
1-504C Vermeer Round Baler - $3800
1-Oliver 7B Plow - $1300

NEW HAYBUSTER EQUIP.
1-Tye 3 pt. no till drill
1-Bale Buster for mulching lg. round bales

MISC. NEW EQUIP.
2-Kelly log splitters engine drive
2-600 lb. fert. spreaders, $ SOLD
1-1450 lb. fert. spreader, $780

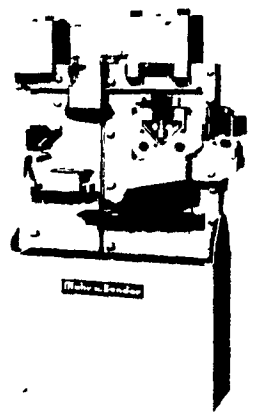
LAHMAN SKID STEER LOADERS
1-30 hp, 2 buckets, $90 SOLD
1-23 hp, 2 buckets, $6200

NEW VICON EQUIPMENT
New Shipment To Arrive Sat., April 10th
Cash Discount on '81 Prices
2-PTO tedder - rake
2-5 wheel 3 pt. hitch rakes
1-8 wheel -V-rake
1-2400 lb. fert. spreader SOLD
1-1900 lb. fert. spr SOLD r
3-950 lbs. fert. spr SOLD
2-600 lb. fert. spre SOLD
1-8' 3 pt. hitch disc mower
1-#1608 no till drill SOLD

FARM EQUIPMENT

NEW - USED

MACHINE TOOLS - SHEET METAL AND METAL FABRICATING MACHINERY



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saws
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and more

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FARM EQUIPMENT

case

Case 1190 Tractor, nice shape, 15 mos. old. Traded for larger tractor.

Case 1070 Tractor, Power Shift, Nice shape

Used in good cond., reconditioned, 206 spreaders

Good used 10A Horse Drawn Spreader

Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
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Ask for Paul

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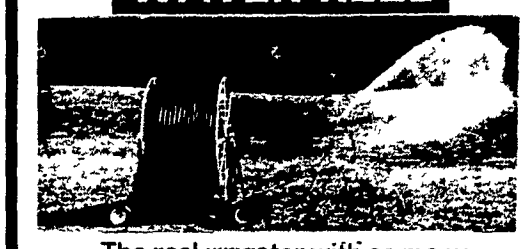
Lima & Katolight ALTERNATORS CLEARANCE SALE
In Stock
Single & 3 phase

Two PTO, 120 & 230 volts, 15,000 watts $1,795 each
Two PTO, 120 & 230 volts, 25,000 watts $2,395 each
Two PTO, 120 & 230 volts, 35,000 watts, $2,895 each
One 2 bearing 120 & 230 volts, 5,000 watts $790
One 2 bearing 120 & 230 volts, 15,000 watts $1590
One 2 bearing 120 & 230 volts, 18,000 watts $1890

Byler's Diesel & Refrig. Shop
Star Rt. on Rt. 655
Belleville, PA 17004

FARM EQUIPMENT

WATER-REEL



The reel irrigator with so many advantages all rolled under one name.

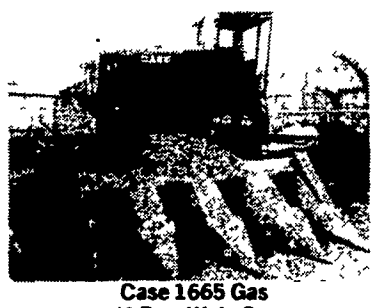
Can you afford to EXPERIMENT with your future?

EECO has the EXPERIENCE to design your complete Irrigation System.

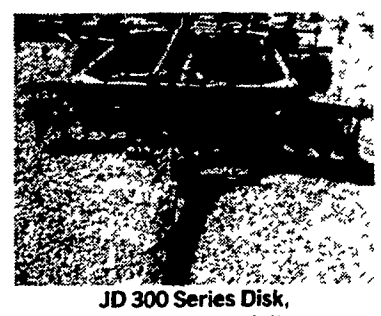
Winter discounts and prices will melt away in the Spring. Plan ahead - call or write

EECO, INC.
Harrisburg, Pa. 17110
717-238-9423

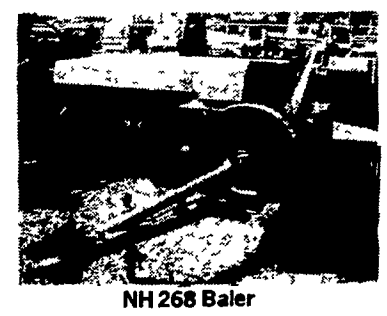
SPRING SAVINGS DAYS



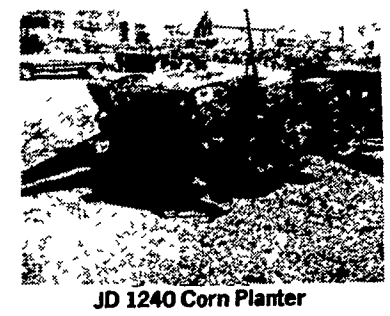
Case 1665 Gas
w/4 Row Wide Corn Head and 13ft. Grain Platform
$10,500.00



JD 300 Series Disk, new blades, 11'5"
$1850.00

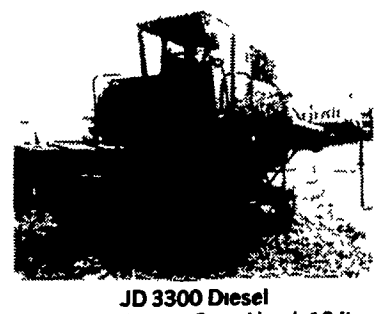


NH 268 Baler
$1775.00
Free finance until Oct. 1, 1982

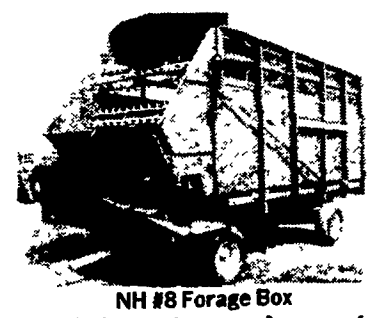


JD 1240 Corn Planter
$2650.00

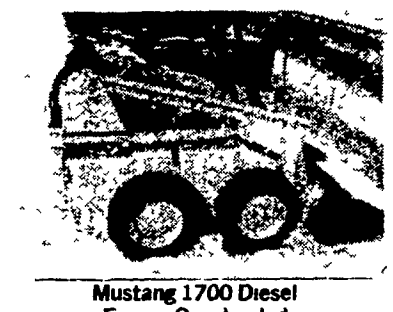
NH 355 Grinder Mixer
w/13 ft. unloading auger
$5500.00
Waiver of finance until Sept. 1, 1982



JD 3300 Diesel
w/3 Row Narrow Corn Head, 13 ft. Grain Platform,
$27,500.00



NH #8 Forage Box
w/NH 234 running gear & new roof
$2800.00
Free finance until Oct. 1, 1982



Mustang 1700 Diesel
Engine Overhauled
$7450.00
Free finance until Sept. 1, 1982

TRACTORS
Case 1270, 135 HP, Low Hours $18,000
Case 570 Diesel w/Dunham Loader..... $5600
IH 1456 Diesel Just Arriving, Call for Details

USED COMBINES AND ATTACHMENTS
JD 244 2 Row Wide Corn Head..... $1600
JD 444 4 Row Wide Corn Head..... $4250
NH 962 N4 Corn Head..... $4250
NH 962 N6 Corn Head $8850
NH 960 13' Flex Platform . $2850
NH 960 15' Flex Platform $4500

USED TILLAGE
JD Cultivator, front mounted w/Rear Rig..... $195

USED HARVESTING EQUIPMENT
NI 323 Corn Picker..... $3250
NI 620 Blower..... $1050
Gehl 99 Blower..... $1495
NH 1890 Harvester w/890A Auger Base and 890N3 Corn Head $29,000
NH 880 Harvester w/880N2 Corn Head..... $2500
Gehl Forage Box w/NH234 Gear..... $2450
Badger 214 Forage Box w/Running Gear..... $1875
McCurdy Gravity Box..... $550
Hydraulic Unloading Auger For McCurdy Gravity Box..... $225
JD 38 Harvester w/2 Row Narrow Corn Head ... $2650
Zimmerman 32 ft. Elevator $1195
JD 36 ft. Elevator $1085
JD 1065A (New) 16" Truck Tires $800

JD 3960 Harvester..... $11,546
JD 2 Row Narrow Corn Head..... $2500
NI 323 Corn Picker $3250
NH 880 Harvester w/880 R2 Corn Head..... $2650
NH S717 w/717 R2 Corn Head..... $2250
NH S717 w/770 R2 Corn Head..... $3100
NH S717 w/717R Corn Head..... $1995
NH 707 3 Pt. w/1 Row Head $2350
NH 707W Hay Pickup $500
Fox Hay Pickup $500
JD Hay Pickup from 34 Harvester..... $500
JD one Row Corn Head $475
NH 880 N3 Corn Head... $2800
NH 717 R2 Corn Head..... $650

HAY TOOLS
JD 1380 Mid Pivot, 12 ft... $5450
NH 479 Haybine, 9 ft. $2950
NH 467 Haybine, 7 ft. $1995
NH 469 Haybine..... $2150

SKID STEER LOADERS AND ATTACHMENTS
NH L-445 Gas..... $12,545
NH D-100 Backhoe $2950

USED PLANTERS & DRILLS
IH 56 2 Row..... $695
JD 1240..... $2650

MISCELLANEOUS
Heavy Duty Dozer Blade for White 2-150 Tractor .. $850

BALERS
MF 12 Engine Baler..... $1595
NH 273 PTO Baler..... $3000
NH 275 PTO Baler w/Thrower..... $3250
JD 24T Engine Baler $1495

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NH 355 w/13 ft. Unloading Auger..... $5500
JD 750 w/Hydraulic Drive . $4950

SPREADERS
JD 40, 175 Bushel..... $1650
NH 518, 210 Bushel $2150
NH 512, 171 Bushel $1475
NH 675, 275 Bushel $2750
NH 790 Spreader..... $3000
NI 218 Spreader $3850

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Haybuster Big Bale Buster (For Mulching Big Round Bales)
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1 JD PTO Hay Rake
1 MF 9' Haybine
1 Hawk Bilt 257 Tank Spreader
1 Brady Flail Shredder

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(2) 6 Wheel Trailer Rakes
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(1) Vicon 8' Mower Conditioner
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Owatonna Swather Model 260, cab & air self-propelled $8500
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Ford transport cult., model 208 w/33 spring teeth, shovels $1695
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Brillion pulvimulcher model M148 $3500
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JD 1640 plowing disc	7,800	6,000
JD 225 offset disk 10'6	5,350	4,095

Spring Sale on Used Equipment

	List	SALE
JD 4030 post w enclosure	$14,500	$13,000
JD 4000	12,500	10,500
JD 4010	8,800	8,000
JDSOLD	7 000	6,000
JD 730	4,200	3,600
JD 620	3,500	3,100
JD A	1 800	1,500
JD A w 227 picker	2,200	2,000
IHC 1486 w duals	25,800	23,000
IHC 756 w cab	7,500	6,800
IHC 424	3,800	3,400
IHC Super C w cultivator	1,975	1,750
AC C w/plows	1,200	1,050
995 Case w/cab	8,850	8,000
JD 7000 4 RW w/POP monitor	6,800	5,600
JD 7000 planter 4 RW	6,500	5,200
IHC Cyclo 6 RN	5,000	3,000
AC no-till 6 RN	3,500	1,800
JD 290	350	300
JD 246	325	250
MF 4 row planter	1,095	950

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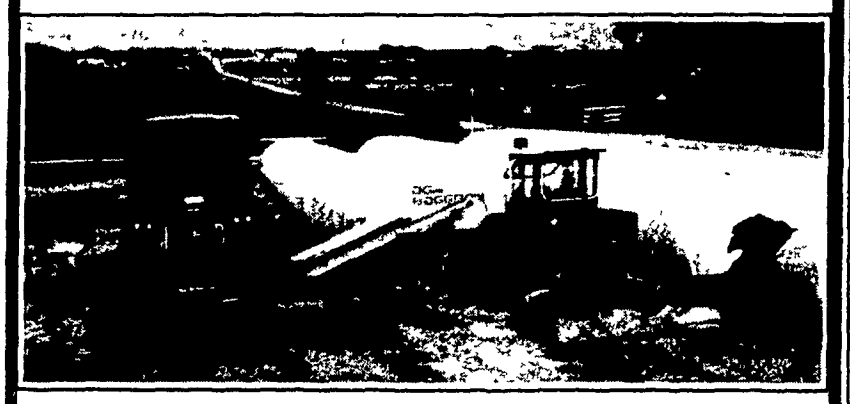

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AC 5050 w/loader
AC 5050
AC 5030 w/belly mower
(2) AC 7000
AC 210 w/cab
AC 180 w/loader
JD 4430H
Farmall 656D
Farmall C
Ford 4500 Tractor Loader

BALERS
(3) NH 320 w/thrower
NH 268 w/thrower
NH 269 w/motor
NH 273 w/thrower
NH 276 w/thro SOLD
NH 845 Round
NH 310T w/70 thrower
NH 315 w/70 thrower

MOWER CONDITIONERS
NH 1495 D Hydro
(3) NI 279
(3) NH 479
NH 1469 w/Ford Engine
NH 495
NH 478 Exc.
NH 469
MC 7' Rotary Scythe

COMBINES
JD 105 w/444 Corn Head and Grain Head
AC CII w/14' Flex Head
AC 90 All Crop
AC MII w/4R head and 15' grain head
NH TR70 w/15' grain head & 4R C H. Baler
MF 510

FORAGE HARVESTERS
NH 1895 w/4R head
NH 880 w/2RW & W PU
JD 3960 w/2 R Head & WPU

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Case 450 Crawler
NH L-775 Gas
NH L-775 Diesel
NH 778
NH 425
Case 1150 Crawler

WAGONS
NH 1010 Bale
NH 1000 Bale
NH 1012 Bale
NH 1037
NH 234
(2) NH #8
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AC 600 4R w/liq. Fert.
AC 2 Row
AC 4 Row no-til
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White 6R no-till
JD 494A w/gran fert.

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NH 390 Tub Gri SOLD
NH 357 Grinder Mixer
Dodge 600 truck w/18' stake body & grain sides
Ontario Drill
NH 90 Bale Handler
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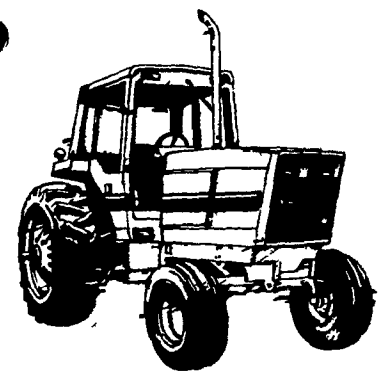

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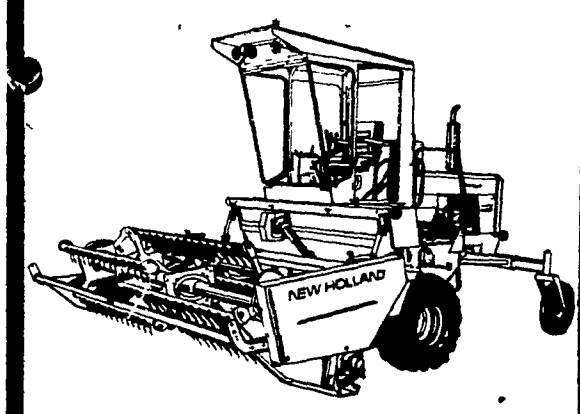

1495 Haybine® Mower-Conditioner

12 Ft. cut with 9 ft. conditioning rolls for faster drying action.

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- IH Farmall M Tractor
- IH 3414 Tractor, 3 pt.
- IH Farmall C Tractor, Cultivator
- IH 806 Tractor
- Oliver 77 Tractor
- 1855 Oliver Diesel, W F E
- 1086 Cab, 500 Hrs

TILLAGE EQUIPMENT
- JD 10 Ft Cult. Mulcher
- IH 531 Plow
- IH 9A Disc Harrow
- JD KBA Transport Disc Harrow
- IH 37 Disc-Harrow 11 Ft 6" Cut
- Brillion 10 Ft Packer
- Brillion 16 Ft. Transport Harrow
- IH Little Genius 2 Bottom Plow

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- NH 362 Tank Spreader
- NH 510 With End Gate
- NH 327 Spreader (Nice)
- New Idea 175 Bu Single Beater
- IH 540 Spreader & Hyd Gate

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- JD 494A 4 Row Planter
- IH 56 2 Row (Perfect Condition)
- Ontario Grain Drill 13x7
- Tye No-Till Drill, 13½ ft. wide, used 150 Acres
- Oliver 13 Disc Drill, Good Condition

HAY EQUIPMENT
- NH 1469 Self Propelled Haybine, Excellent Cond.
- NH Model 850 Round Baler
- IH 37 Baler w/Thwr
- NH 489 Haybine, Ex.
- NH 276 Baler w/58 Thwr
- JD 1209 Mower Condition
- IH 7 ft. Sickle Bar Mower, Good Condition
- NI Hay Rake
- MF #3 Baler
- IH Model 15 Rake
- NH 56 Hay Rake

HARVESTING EQUIPMENT
- NH 1400 Combine with 2 Corn Heads, 1 Wide, 1 Narrow, 1 13 Pt. Platform, Ex Cond.
- IH Model 234 Mtd Corn Picker
- NH 770 R2 Corn Head
- NH Self Propelled 818 Diesel Harvester
- IH 650 2 Row Cornhead and Pickup Attachment
- Grove Forage Box Wagon Ex Cond
- 1880 N3 Corn Head
- NH 36 Chop Chopper
- Brady 4 Row Stalk Shredder

SKID LOADERS
- NH L425 Skid Loader, Excellent Cond
- Skid Loader Trailer, Tandem Axle With Brakes & Lights
- NH 775 D Skid Loader, 350 Hrs, Demo SAVE $$$
- NH L-325

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- Myers 7 Ft. Snow Plow, Fit. Tractor or Truck
- 17 Ft Gandy Applicator, Hyd Drive
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- Rebuilt Deutz diesel power unit F4L-912, 70 h.p @ 2300 RPM, w/clutch, air cleaner, muffler, starter, alt. $4000

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- DX 120 Deutz Tractor, 110 h p.
- DX 120A Deutz tractor, 4WD, 110 h p.
- 4-71 Detroit diesel, 117 h.p., used power unit. Good cond
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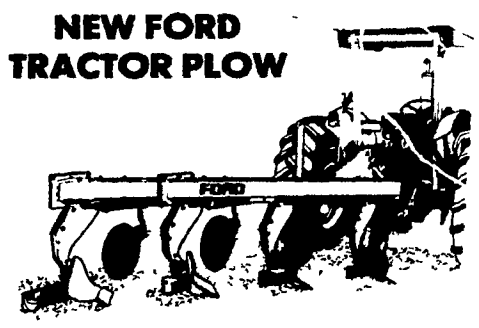

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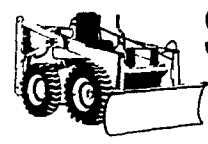

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Cat D8 46A Series, real clean	$42,000
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Cat D8 2U Cable	$8500
Cat D6, hyd.	$6500
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JD 1010 Dsl. w/winch	$5200

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JD 450 w/93 hoe	$14,500
JD 450	$9500
JD 450 w/ROPS, good	$12,000
JD 440 Dsl.	$6500
JD 2010 w/#95 hoe, ex. cond.	$7500
Cat 955H 60A	$12,500
Cat 933G, good	$9,500
Cat 933, good	$6500
IHC 500 4-in-1	$7000
IH 340 Dsl. 4 & 1 Bucket w/Ripper	$7000
IHC TD9	$8200
Case 350	$7500
Case 450, good	$9500
Case 750, good	$10,000

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JD 24	$4800

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Huber Maintainer w/Frt. Blade Very Good	$2500
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Galion 118 Dsl. w/cab	$6500

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Hough 30, 1 yd. good	$5200
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9 Ton Tag-Along	$2000
9 Ton Tag-Along new heavy duty	$5100
12 Ton Tag-Along	$2000
12 Ton Tag-Along	$2750
15 Ton Gooseneck, S.A.	$3500
18 Ton Tag-Along	$3750
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New Trailers - All sizes and prices Call	

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1969 Ford Tandem Axle Dump	$6000
1965 Int. Dump S.A.	$3200
1956 White 18' bed S.A.	$1800
1967 GMC ¾ ton w/utility box	$800
1975 Plymouth Fury 6 cyl.	$2000
1968 Tandem Axle Mack Dump	$5000
Int. Tandem Axle Dump	$4250
1970 Dodge Van 14' w/Roll Up	$4,500

AIR COMPRESSORS

LeRoy 105	$3500
Jaeger 105	$2000
Chicago Pneumatic 125, O.H.	$3000

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Fordlane Paver, ex. cond.	$3100
3 Ton Tandem	$2000
1 Ton Roller	$2000
1 to 3 ton Virbra-Pac	$3400
1 to 3 ton Virbra-Pac	$2800
3 to 5 ton Huber Tandem	$5000

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AC Motorized Pan #260	$3,000
14' Steel Dump Box complete	$1650
5 ft. Rotary Cutter new	$495
Pavement Breaker 90 lb.	$350
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6 ft. Angle Scraper Blade 3 pt.	$175
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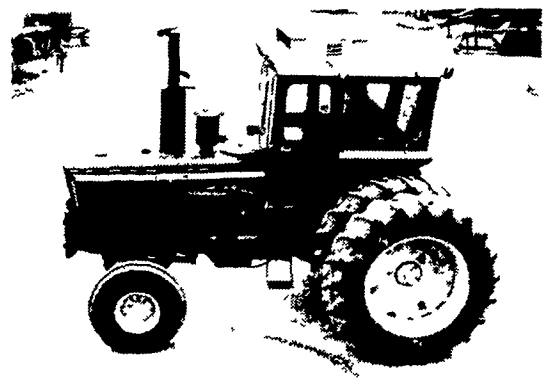
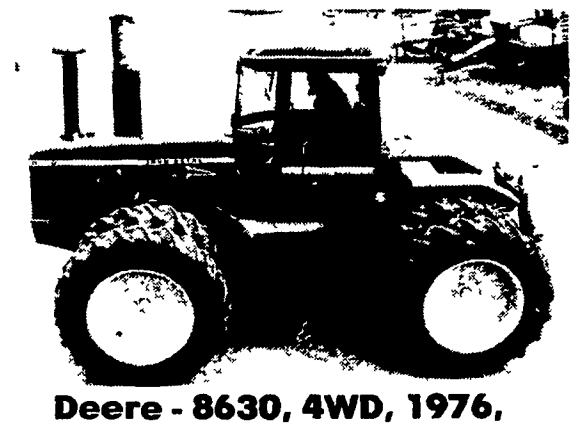
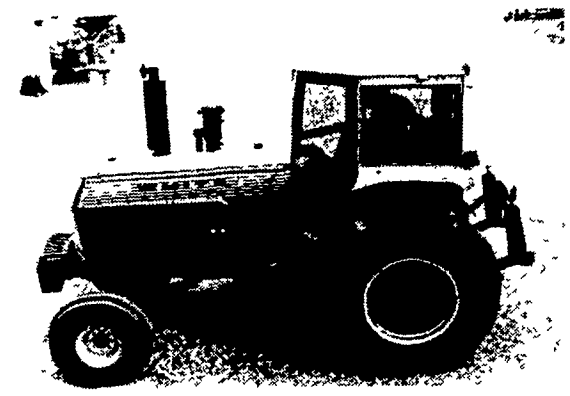


Deere - 6030, 1972 Cab
Dual 20.8x38, 1840 Hrs.

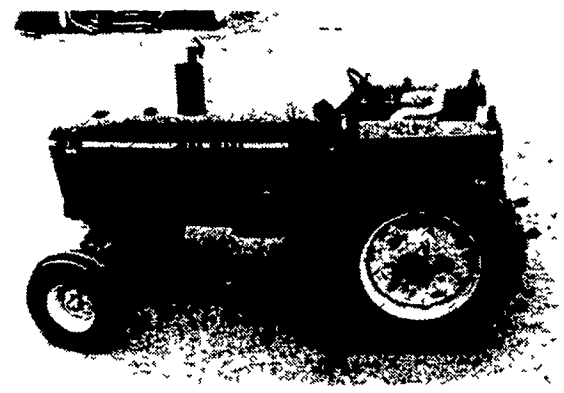


Deere - 8630, 4WD, 1976,
Dual 20.8x38

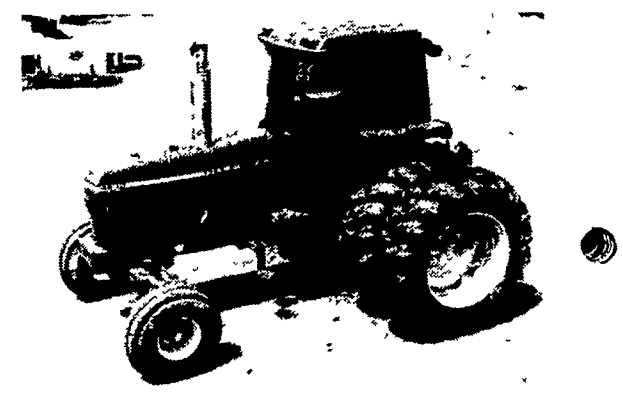


White - 2-155, Cab w/Air, 1978,
24.5x32

IH - 4366 4WD
Excellent tillage tractor



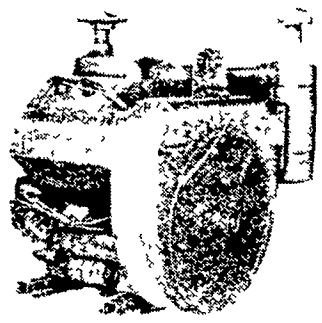
Deere - 4230, 18.4x34,
3000 Hours, Quad. Range



Deere - 4630 Diesel,
Dual 20.8 x 38

WISCONSIN

ENGINE SPECIAL



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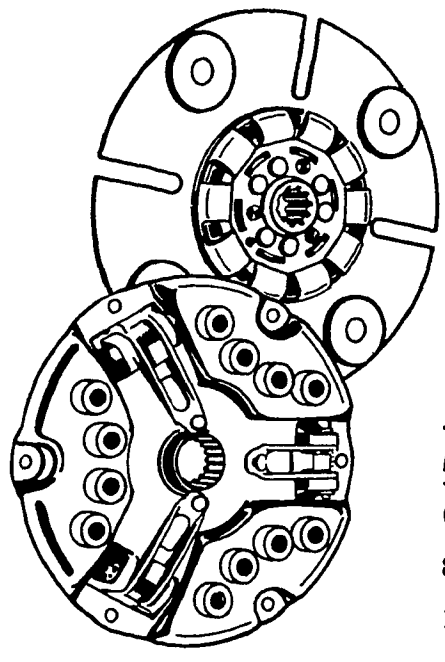

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Machinery Service Manager

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RECONDITIONED COMBINES

5373 MF 300 w/2 Row Cornhead 13' Platform
6098 NH 975 Gas w/2 Row Cornhead & 13' Platform
7098 1978 New Holland TR-70 780 Hours, Ford Diesel Engine, Gear Transmission, Air, Straw Chopper. 4 Row Narrow Cornhead & 15' Platform
5742 1976 IH 915 Hydrostatic, Diesel, 1000 Hours
7223 JD 3300 Diesel w/13' Grainhead
7222 MF 510 Combine Diesel w/6 Row Head & Platform
6817 IH 1460
7138 IH 915D
7104 IH 815D w/763 Cornhead & 13' Platform
7244 IH 815D, Hydro, 1899 Hrs.
7142 IH 715D 325 Hrs.
7236 IH 315 w/327 Cornhead & 13' Platform
6126 IH 503 - C w/430 w/N Cornhead & 13.5 Platform
7158 AC F w/A330 Cornhead & 13' Platform
JUST TRADED
IH 1440 Axial Flow
IH 1460 Axial Flow

USED TRACTORS

7516 IH 4586 4 Wheel Drive
7448 IH 986 w/Rops
7226 IH F1586D, w/cab
6432 IH F1586D w/Cab
6594 IH 4366 4WD
7302 IH 1486D w/Cab
6580 IH F1086D w/Cab
7273 IH F1066 D Hydro
7169 IH F806D
6452 IH F806D
6186 IH F656D Hydro
7073 IH 1574 Gas Utility
7292 IH F544D Hydro
7199 IH 504G
7059 IH Farmall M
6526 IH 125C, Crawler
7500 IH Farmall M
7449 Ford 335 Industrial Loader
7305 White 2-155 w/Cab
7183 Steiger Cougar III ST-251
7173 MF 1085 w/Loader
7091 JD 4620 w/New Cab
7380 Deere 6030, 1972, Cab & Duals, 1840 hrs., excellent
7379 IH F 1456D
7388 Kubota L245DT, 4WD w/1200 Loader
7410 Deere 4230, 1973
7412 White 2-105 w/193 hrs.

USED SPREADERS

7181 IH 540 Manure Spreader 175 Bu.
7339 IH 550 w/Hyd. Endgate

12 ROW NO-TIL PLANTER

Kinze Folding Tool Bar w/12 Deere Plateless Units, used 2 seasons

USED PLOWS

7198 IH 720 6F 18" on Land
6982 IH 710 6F 18" on Land
6373 IH 700 5F 16"
6493 Glencoe Soilsaver 11 Shank
7026 Glencoe Soilsaver 7 Shank
6470 IH 540 4F
7387 Brillion 23' Folding Packer

USED PLANTERS

6654 IH 400 Cyclo 4 Row
3288 IH 400 Cyclo 8 Row Narrow
6475 IH 400 Cyclo 4 Row Wide
6547 IH 500 Cyclo 6 Row Narrow Mounted
9903 Deere 1300 4 Row Wide
2414 Deere 494 4 RW Wide Deere 7000, Plateless, 8 Row Narrow

USED DISK HARROWS

6033 A/C 4500 20' Offset Disk
6021 Krause 1928 Rock Flex 25'
5440 J.D. KB Disc Harrow
6798 IH 350 Disc, 11'
7075 Krause 3209, 19'
7049 Krause 2413, 23'
6972 JD 12' Offset
7157 Sunflower G2, 12'
5584 Sunflower 29, 25'
7184 Krause 2413, 23'
7304 Krause 1924, 21'
4544 JD 330, 25'
7323 Krause 2242, 12'
7360 JD 210

USED GRAIN DRILLS

6975 IH #10 16x7 w/grass seed
IH 510 16x7 Combination w/grass seed

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Tractors
AC D17 Gas
MF 265 low hours
MF 1080 Cab
MF 1100 Cab
MF 85 gas
Oliver 660 gas
Farmall 450 diesel
AC D-17 diesel
Ford 1300 4WD w/loader
Ford 801 gas

Forage Harvesters
Gehl 600 w/grinder
JD 35 1-row
Hesston 2000
Fox 2000

Skid Steer Loaders
Gehl HL 2600
Gehl HL 4400
Gehl HL 2500

Mower Conditioners
Hesston 310 SP
1 Hesston PT10
Hesston 1014 10'
Hesston 1070
Hesston PT 7

Miscellaneous
Shaver 12" digger

Hay Harvesting
MF 3 pt. rake
MF 12 w/thrower
(2) MF 124 balers w/thrower

Harvesting
NI 324 w/329 sheller, new, $9000
NI 10 picker

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TRACTORS
Cub Tractor
IH 656 Dsl w/2000 Loader
IH Super C w/cult
IH 2500 Industrial Tractor w/Loader
IH 1206
IH 986
IH 806
IH 706
IH 674 D
IH 656 D A 1 Cond
IH 656 Gas Farmall
IH 606 D
IH 400
IH 330
IH 300
White 2 105
Case 800 D
Case 830
MM 5 Star
Ferguson 40 w/Loader
JD 70 Skid Loader
Case 1845 Skid Loader
Gehl 2600 Skid Loader 525 hrs

TILLAGE
JD 2600 5B Auto Plow Variable Widths
IH 710 4x18 Plow Reset
IH 710 4x16 Plow Reset
IH 700 4x16 Plow Reset
IH 710 3x16 Plow Reset
IH 560 6x16 Plow
Kasco Chisel Plow
IH 311 3x14 Plow
Oliver 4x16 Auto Plow
JD KBA 12' Transport Disc
Long 3x16 3 pt hitch Plow
MF 4 Row Cultivator
IH 122 Disc 3 pt Hitch
Oliver 10' Transport Disc
IH 19B Disc
IH 9A 8' Disc
IH 9A 11' Disc
IHC 370 11'6" Disc, nice
Coby 9' Cultipacker
IH 45 9' Vibra Shank 2 pt hitch

PLANTERS
IH 400 6 Row no-till
IH 400 4 Row no-till
JD 1240 Row
IH 449A 4 Row
IH 56 4 Row
IH 440 Baler w/Thrower
IH 46 Baler
JD FBB 13x7 Grain Drill
IH MF 16x7
MM 16x7

BLOWERS
IH 56
Fox 280
Hussler 56
Fox 44 Table, belt driven
Kools KB60

SPRAYERS
Walsh 500 Gal Sprayer
Demco 500 Gal Sprayer
Campbell 500 Gal Sprayer
Century 200 Gallon
Century 125 Gallon

FORAGE WAGONS
Badger 1410
Gehl BU 85
AC
NH #6
VanDale 185 Mixer Wagon w/Scales
IH 1150 Grinder Mixer
Cory 8 Ton Running Gear

MOWER CONDITIONERS
Hesston 6400 SP Windrower Hydro
IH #225 SP
IH 990
NH 479
Hesston 1014
OMC 216
NI 270 Cut/ditioner
JD Hay Tedder
Grimm Hay Tedder Ground Driven
JD Bar Rake
Farmhand Windrow Turner
IHC 1300 3 pt Mower
IH 100 2 pt Mower
IH 28 Rotary Mower
IH U528 Sickle Mower
705 w/Super Chopper and 3RN C H and Hay Pickup
767 Forage Harvester
702 w/Combine
729 A Shelter
737 Husking Bed
726 Husking Bed
NI 744N Corn Head
770 Feeder House
741 Feeder House
724 3RW Corn Head
NI 324 Corn Picker
Oliver #5 Corn Picker
IH 234 Corn Picker
IH 205 Combine
IH 303 Combine
IH 715 Combine
IH 915 Combine

MANURE SPREADERS
NI 224 375 Bushel
NI 244 325 Bushel
NI 218 325 Bushel
NI 213 165 Bushel
NI 214 200 Bushel
NH 676 275 Bushel
IH 2000 Loader
IH 155
JD 760
Starline
Winco Generator 15,000 watt
JD 10' Fert Spreader
Badger BN102 10' Pump
NH 12' Fert Spreader
Lely 2000 lb 3 pt Fert Spreader
Dual Wheels w/15x5x38 Tires

FORAGE HARVESTERS
IH 650 2R Head and Pickup
IH 555
Fox 3000 2R Head and Pickup
IH #16 1R Head and Pickup
Fox Custom 90
Fox 1000
NH #818
Brady 722 Flail Chopper

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JD 2 Row Mounted Corn Picker	$800
JD 4 Row Mounted Cultivator	$400
JD. 4 Row Plateless Planter	$1000
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NH 469 Haybine	$1500
NH 273 Baler w/Thrower	$2200
McCormick Grain Drill	$500
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10' Drag Elevator w/Motor	$300
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8' 3 pt. Scraper	$150

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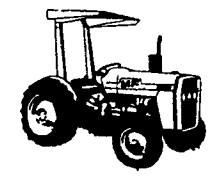

MF Massey Ferguson

TRACTORS & EQUIPMENT

JD 4020 Tractor
MF 50A Tractor, Loader, Backhoe
IH 154 Cub Low-Boy Tractor w/Mower
MF 3165 Tractor w/Loader & Cab
MF 1085 Tractor
MF 50 Tractor w/Loader
MF 40 Dsl. Tractor and Loader
JD MT Tractor
Loader for 65 or 165 Tractor
Gehl 120 Grinder Mixer
NH 479 Haybine
NH 467 Haybine
NH 478 Haybine
NH 892 Fg. Harvester
Fox 1000 Forage Harvester
NH 450 Mower
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
MH 35 Combine
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow

NEW M.F. EQUIPMENT

MF 230 Tractor
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 220 Tractor
MF 210 Dsl. Tractor
(2) MF 205 Diesel Tractor
MF 50C w/Loader
MF 50C w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 30B w/Cab
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter
MF 124 Baler w/Thrower
MF 218 3 pt Rotary Cutter

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While They Last
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Without Notice

MF 275 MP w/38" Wheels	$16,495 00
MF 285 8 Speed	17,995.00
MF 285 8 Speed	18,995 00
MF 40 B Cab-W/L & BH	29,400.00
White 2 105 Cab, Air	27,799.00
White 2 85 Cab, Air	25,850.00

Tillage

MF 129 Chisel Plow 7 ft	995.00
MF 82-3x14' ST plow	1195.00
MF 620 12' Disc Harrow	5974.00
White 255 Disc Harrow, 10 ft 4'	3495.00
White 255 Disc Harrow, 11'-6'	4895.00
White 348-SAR-3-18" Mt plow	3395.00

No-Till White Planters

New 543 4 & 6 Row Plate, Call For Prices	
New 5100 Air, 4 & 6 Row, Call For Prices	
1-New 1610 White Loader w/Bucket	1995 00

Gehl

Demo 360 Skid Loader, new warranty	5995.00
Gehl 500 Wagon Chassis, less tires	565.00 each
Gehl G806 Wagon Chassis, less tires	765.00
Gehl G1006 Wagon Chassis, less tires	925.00
Gehl G1006 Wagon Chassis, less tires	925.00
Gehl G1506 Wagon, less tire, tandem axle	1226.90
Gehl MC 1090-9 ft	6400.00
Gehl MX 1356 Grinder Mixer	8250.00
Gehl RB 1450 Round Baler-Demo	8995.00
Gehl F-B 99 Blower	2395.00
Gehl BU 940 Boxes, 3 beater	5250.00
Gehl CB 750 & 1000 harvesters in stock - Call for prices	
Good selection of used 600 Gehl harvesters, Fox & International harvesters	

Used Specials

White 2-150 860 Hrs	$19,500.00
Oliver 1855 Extra good	12,500.00
MF 65 Gas Tricycle, Cheap	
M85 Gas Tricycle, Good	
Case 611B, Good	

Industrial

50 A TLB, Nice	16,500 00

No-Till Corn Planters, Call for Prices
4 Row White 543
6 Row White 543
4 Row White 5400
6 Row White 5400

Combines

MF 510, like new, 1978 w/corn 63 C	31,500.00
1978 MF 750 w/Grain & Corn Heads, Recond	44,500.00
Case 960 combine w/cab & w/13 ft table, 402 corn head	5500.00
New Idea Uni-Harvester Model 710 w/Grain & Corn att	5500.00
2-MF 82 Combines, Take your pick	1695.00
Gehl 4400 skid loader, runs good	6200.00

Mower Conditioners

Gehl Model 440 mower condition, good	1895.00
Owatonna 230	1500.00
John Deere 485	1235.00
Big selection of forage beds - Gehl, IHC, Grove	
New change over Goodyear Tractor tires in stock	
1 pr 2-14 9x28 6 ply	300.00
1 pr 2-16 9x24 6 ply	350.00

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bobcat

USED EQUIPMENT

Tractors
Farmall Super H
Farmall M
Farmall 856D
IH I-484 Diesel
IH 444 Gas w/Loader
IH F504
IH F560 Gas
IH F1256
IH F300 Gas
IH Hydro 186
Case 450 Diesel Crawler
MH Pony Outfit with Hydraulics
Bobcat 520 Skid Loader
Bobcat 631 Skid Loader
Bobcat 530 Skid Loader

Plows
IH 540 4-Bottom
IH 550 5-Bottom
IH 700 6F Auto. Reset
IH No. 8 Trailing
3F Trailing Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow

Tillage
IH 122 Mtd. Disc Harrow
IH 350 Disc, 11'6"
IH 48 Disc
Lely Power Harrow
McConnel 20' Spring Tooth Harrow with Transport
JD 10 Ft. Roller Harrow
Dunham 10' Cultimulcher

Planters & Drills
IH 56 4-Row
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt Cultivator
IH 251, 2 Row Mtd.
IH 400 Cyclo 4 Row
IH 455 Planter
JD 494 Planter
JD 1240, 4-Row
JD 13x7 Drill
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
Ontario 13x7 Drill

Pickers
IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No. 10 Cornpicker
NI 323 1-Row

Combines & Cornheads
IH 127
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403
IH 844 Corn Head

Hay Machines
IH 430 Baler
IH 46 Baler w/Thrower
IH 37 w/thrower
IH 10 Bale Thrower
IH 27V Mower
IH 27 Mower
IH 115 Mower
IH Cub 222 Mower
IH 990 9 Ft. Mower Conditioner
IH 1190 Mower Conditioner 9 Ft.
M.C. Rotary Scythe
Kubota 60" Mower
JD 660 Rake
JD 2 pt. Mower
JD Hay Tedder
Myers Hay Crusher
NI Mower
NH 67 Baler
JD 214 Baler

Forage Equipment
IH 16 Harvester w/2 Heads
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
AC 780 Harvester
Fox 546 Harvester
Fox S.P Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower
Kools Blower
Gehl FB99 Blower

Lawn & Garden
IH 85 Riding Mower
IH 125 Cadet Mower
IH Cadet 60 Riding Mower
IH Cadet 70 Tractor
NI EGT 100 Electric
Sears 6 HP Rider
Snow Blowers
E.Z. Lawn Vac.
AMF 10 HP Rider

Miscellaneous
Surge 15KW Alternator
IH 20 Loader For Super C
IH 1050 Loader
NI Spreader
NI 2 Ton Fertilizer Spreader
Martin 2400 Gal. Spreader
Waldron Dozer Blade w/IH or JD Mountings
Sunmaster B90 Mower
Woods M5 Rotary Cutter
Badger 205 Spreader
GT 370 Grain Dryer
NH 346 Tank Spreader
Winco 1500 Generator
Kubota 3 pt. Backhoe

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NEW 720 PLOWS
5 Furrow, 20"
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USED COMBINES & CORNHEADS
AC KKS Gleaner w/10' header & 330 cornhead
AC FKS-2 Gleaner Combine, Diesel, 13' Grain Head, Hydrostatic Drive
NI 702 Tr. w/717 combine w/713 S-13' header
IH 315 Combine w/13' grain head & 2 row cornhead
AC C Gleaner w/440 cornhead
(1) MH 82 SP Combine 13' header
2 - MF QT 24 2 row cornhead
NI 728 4-Row Narrow Cornhead

USED MANURE SPREADERS
NI 218 Manure Spreader (318 Bu.)
NI 224 Manure Spreader (350 bu.)
NH 676 Manure Spreader (275 bu.)
NI 214 Manure Spreader w/3 beater & hyd. end gate
NI 214 Manure Spreader w/single beater & hyd. end gate
NI 214 Manure Spreader w/flail beater

USED TRACTORS
AC 7000 w/cab & Air
AC 5050 w/220 hrs.
AC D15 Tractor

MISC. USED EQUIPMENT
NI 279 Cutditioner
JD 38 Harvester w/2 row wide & pickup
JD FB17 Grain Drill single disk
NH Super 717 Harvester w/2 row cornhead
NH 268 Baler w/Thrower
767 Uni-Forage Harvester

NEW TRACTORS
Ask About 9.9% Leasing...
AC 5030 w/turf tires, 26 h.p.
AC 5050 51 h p.
AC 6060 63 h p.
AC 7010 w/cab & air & power shift
AC 7020 123 HP, Power Shift, Cab & Air
AC 7060 w/cab & air & power shift

USED CORN PICKERS
1 - 324/327 2 row wide picker
1 - 729 Uni Sheller
1 - Uni Husker w/702 tractor, 727 husker & 723 2 row head
1 - 726 Uni Husker

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NEW EQUIPMENT SPECIALS
IH 595 Spreader, 451 Cu' $8287 ..... $6950
IH 550 Spreader 249 Cu' $4845 ..... $4100
IH 540 Spreader 210 Cu' $4233 ..... $3650
IH 2250 Loader w/Bucket $3621 ..... $2975

NEW TILLAGE EQUIPMENT SPECIALS
IH 510 4-18 Plow $4250
IH 510 5-18 Plow $4650
IH 720 5-18 Toggle Plow $6200
IH 720 6-18 Toggle on Land ... $8250
IH 490 20'6" Hyd. Fold w/Cyl. .. $9500
IH 415 Packer Mulcher 12'2" 19" Packers w/Cyl. $4950

USED TRACTORS
IH 1486 D w/cab (nice), 1247 HR
IH 1086 D w/cab ..... Coming In
IH 966, D w/WF & 2 pt. $12,500
IH F-M $1350
Cab for IH 656 ..... $750
IH F 300 Gas w/2 pt. $1750
IH F460G, (nice) $3250
MF 175 D Tractor $4950
IH 856 w/WF & 3 pt. $8950

USED CORN HARVESTING & COMBINE EQUIPMENT
IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150
IH 2 Row Corn Head for IH 650 . $250

USED HAY EQUIPMENT
IH 990 9' mower conditioner . $2350
IH 37 Baler w/thrower $1800
IH 15 Rake $375
IH 27 Baler w/thrower . . . $1500
IH 430 Baler w/thrower $2650
Gehl 72 5' Flail Chopper. . . . $800
Grove Forage Box w/roof . . . $850

USED TILLAGE
IH 510 4f [SOLD] plow nice w/cylinder. $2150
IH 53 4R 2 pt cultivator, nice $1450
IH 720 6f 18" like new w/cylinder, toggle trip $6500
MF 4f 14" .. [SOLD] $300
IH 475 disc, 12' demo. . . . $4150
IH 70 4f 14" trail [SOLD] . . . $450
Glenco 10' mt ch [SOLD] w . . $950
IH 540 4F 14" plow $650

USED SPREADER AND MISC.
IH 53([SOLD] er. $1350
IH Wagner Loader w/buckets . . $450
JD 760 Tub Spreader $850
Century 300 Gal. Sprayer $650

USED PLANTERS AND DRILLS
IH 56 4 row 30" planter $1850
IH 56 4 row w/insect. $1950
JD 494 4 row shoe $400
IH 400 4 row 38" $2500
JD 494 A w/new hoppers $1350
IH 510 DD 16x7 drill (like new) $4150
IH 400 6 R 30" Planter, w/insect. $4500
IH 455 4R w/cyl. & insect. $1500

MIFFLINBURG FARM SUPPLY, INC.

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ATTENTION WOODWORKERS — SPECIAL PRICES

14" Vertical Bandsaw
with ½ HP motor, stand, cast iron frame

SHIP WT 185 lbs

SAVE $200
$369.00
Model KL W569
FOB YORK

- ¼" x 92" bandsaw blade included
- 14" x 14" square cast iron table tilts 45°R, 10°L
- Adjusting blade tension wheel & tilt adjustment
- Cast wheels, rubber tired, sealed ball bearings
- Sealed roller bearing blade edge backup
- Adjustable blade guides
- Approx 6" high cutting capability
- ½ HP motor single phase 115 VAC 60C

WMC

SEND $1.00 FOR MACHINERY SALE CATALOG

20" x 6" Automatic Wood Planers
WMC
Heavy cast iron construction • 1000 lbs. of machine • segmented feed roll • tested & ready to run

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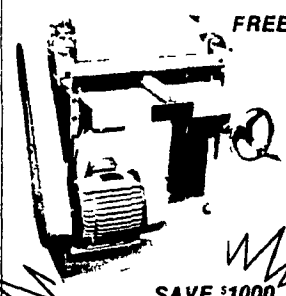
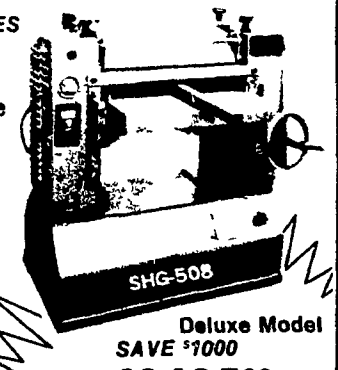


- Automatic stock feed
- 3 blade cutter head
- 3 HP single or 3 phase TEFC motor 220 VAC
- Dual pulleys & belts
- Chain drive auto feed
- Machine size — 30" x 35" x 37"
- Cast iron chippers

SAVE $1000
$2995.00
BRIDGEWOOD MODEL SHG200

LEASE MACHINES CALL OR WRITE FOR DETAILS



Deluxe Model
SAVE $1000
$3495.00
BRIDGEWOOD MODEL SHG508

5" Automatic Wood Planer
with motor

SHIP WT 95 lbs

SAVE $300
$599.00
Model SSA-120
FOB YORK

WMC
- ½ HP motor
- 7" x 18" table
- Sturdy cast iron construction
- Planes up to 5" wide x 2½" thick

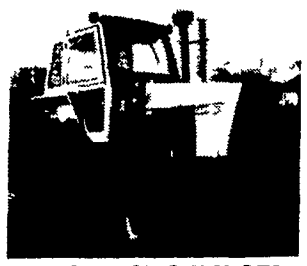
CUTTER KNIFE GRINDER
Model SST 20
Ship wt 77 lbs
FOB YORK

$295

WMC WILKE MACHINERY CO. 1519 Mt. Rose • York, PA 17403-2996 717-846-2800 • 717-843-4924 WMC

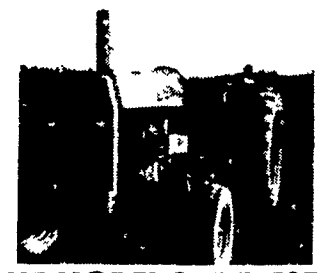
All Used Tractors Listed In This Ad Are No Interest Till Aug. 1, 1982, No Payments Till Sept. 1, 1982

Just name the repayment plan you need for your operation (We Try)



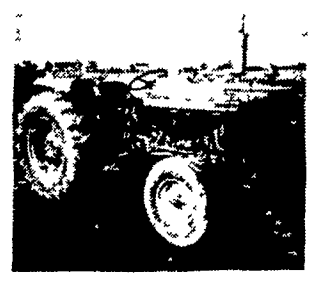
CASE 1370 DIESEL
1 Only
(Mechanic's Special)
approx. 1500 hrs.
only **$10,800**

INT. 1066 DIESEL
1 Owner, excellent condition, approx. 1500 original hrs.
Stop by to appreciate
and get your deal!



MF MODEL 275 DIESEL
tractor, 38" rear wheel, approx. 1200 hrs. Stop and make your deal!

Almost New
IH 2+2 Model 3588
4 wheel drive, 1979 model with only approx. 435 Hrs , PTO, 3 remotes, 18 4x38 Radial tires show road wear Note! New List Price Approx $56,000
Our Price! (Is A Bargain)
Stop by and see for yourself.



Ford 4100 Diesel
1976 Model, 50 H.P , 8 Speed, 3 pt. hitch, 14 9x28 Power adjust rear wheels, Nice, See us for your deal!

Buy Late Model Used and Save Money
Case Model 2090 Diesel Tractor
Cab, Air, Heater, On The Go Power Shift Transmission, 20.8x38 rear tires, Dyno. checked at Approx. 120 HP, front end weights, 504 cu. in *Diesel engine Ready for Work.*
$22,900

IH 656 DIESEL
wide front 1969, 3800 hrs., in good shape TA good, batteries new, hydraulic remotes, 15.5x38 rear tires approx. 40%. Come and look at it!

FARMALL 706
tricycle type Diesel,
3 pt. hitch, nice running.
Stop and look
at this tractor!

Massey Ferguson 1100 DIESEL TRACTOR
540-1000 PTO,
multi-power, wide front end, approx. 3500 hrs
1967 model.
18.4x34 rear tires - worn
Only **$4900**

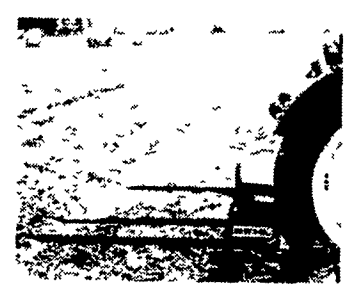
Dismantling
Late Model
CASE 530 DRAFT-O-MATIC
For Parts

CASE DAVID BROWN 1412 HYDRA-SHIFT AUTOMATIC
$7900.00
as is

CASE 2290
approx 130 H P., rops canopy, standard shift, 20.8x38 rear tires, approx. 70 hours, no interest or payments till August 1 - like new - Call

NEW CASE 1835 DIESEL
Low Profile, High Performance
34 HP Case Diesel Engine, 66" material bucket, 10.00x16.5 tires, financing available.
SALE PRICE **$14,200**

Less a $1400 Rebate for buying this Month — April



BALE CARRIER
This bale carrier is 3-point mounted & is an economical way to carry bales from field to storage, or field to feeding. Solid steel center shaft assures bale stability in transport.
Only **$350**

DUAL WHEELS IN STOCK
Just Name Your Size At
Very Reasonable Prices

CLAMP ON DUAL WHEELS IN STOCK

USED CASE 990 DIESEL
1974 Model, ready for hard work
$6900.00

LOOK! There are 300 Horses Coming Your Way If You Buy This Like New Case 2870 4 Wheel Drive Tractor Now!

With on the go power shift transmission, 20.8x34 tires with factory 20.8x34 duals, 4 hydraulic remotes.

PLUS 4-WAY SELECTIVE STEERING

FRONT WHEEL STEER. 4-way steering makes the big difference. When you select front wheel steer only, the 2870 handles much like your present 2-wheeler. You don't have to learn all over again. Great for the majority of your field work including row crops.

CRAB STEER. Working on hillsides or levees? Switch to crab steer on-the-go to counteract side drift. Fronts and rears steer in the same direction. Also useful in muddy fields since it creates four separate wheel tracks. Thus providing optimum traction for all four driving wheels.

REAR STEER. Hooking up to an implement? You can steer with the rear wheels only so the drawbar or 3-point hitch goes where you want it to go. Use it as well to overcome implement side draft.

COORDINATED. Want to make short full power turns at the headlands? Flip the selective steering lever to coordinated steering for a tight 17½ foot turning radius. Some articulated 4WD require up to 22 ft.

PLUS

PURE COMFORT. Quiet comfortable pod cab is shock insulated, rubber mounted Controlled circulation gives you clean air, more uniform temperatures EASY RIDER seat

DIRT STAYS OUTSIDE Case puts the cab air filter behind you to keep dust outside Services from outside without messing up the *cab interior*

READILY SERVICED. Hood tips up for easy access to engine 674 cu in engine has Case self-cleaning air induction system to minimize servicing

SHORTER TURNING RADIUS Some big 4-wheel-drives take a city block to turn With co ordinated steering the 2870 needs just 17½ feet Drive it and compare!

POWER TAKE OFF AND 3-POINT HITCH are optional Let you work year round spread your investment over more jobs

Approx. 600 Hrs. Ready For Hard Work.

REMEMBER NO INTEREST TIL AUG. 1, 1982 NO PAYMENTS TILL SEPT. 1, 1982

Plus No Cash Down If You Have Trade-In

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705
Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

CALL US FOR A DEAL YOU WILL LIKE!

SPECIAL PRICE REDUCTIONS FOR QUICK SALE...

ACT NOW BEFORE IT'S TOO LATE!

ALLIS CHALMERS 4 BOT. 16" AUTOMATIC HYDRAULIC RESET PLOW

with trash boards and coulters

$1125.00

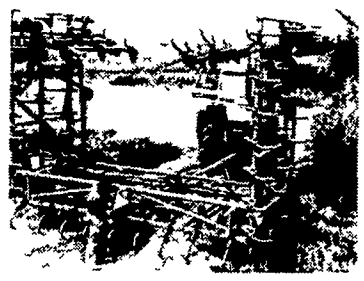
case

NEW CASE TRANSPORT FIELD CULTIVATORS

Glencoe built, ideal to prepare your fall seeding grounds. A lot of machine for the money.

EARTH SHATTERING TILLAGE TOOL FROM CASE

All these machines are spring loaded for rock cushion and vibrating action.



- Hydraulic Fold 22 Foot Wide
- Cylinder and Hose to Tractor
- Field Cultivator Wing
- Transport Width 12 ft.

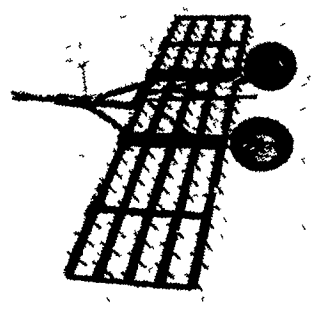
$6400 Less 20% OFF

New Heavy Duty Transport, 12½ Cut.

$2125 Less 20% OFF

Our Loss is Your Gain
Must Sell Now
At A Savings To You!

NEW HARROWGATER MODEL 1100



This machine does work! It not only levels, but aerates soil, teeth are angled to allow trash flow underneath

IN STOCK
10' W 3' WINGS
TOTAL 16' WIDE

SPECIAL SALE PRICE **$1080**

3 Pt. Hookup
YALE HEAVY DUTY FORKLIFT

Lifts approximately 12 feet high and about 2 ton lift capacity with appropriate size tractor

$950

Buy now & take an additional 20% off this price

SPRING FERTILIZER HANDLING EQUIP.

McCURDY AG 12

12 foot reach augers for most any make gravity bin. Mounting brackets also available for old style straight sided gravity bins. Hydraulic hose included to the front of your bin.

HYDRAULIC TRUCK AUGER

(Top) A UM Truck Auger fills planters faster and easier (Center left) Semi-circular rack and pinion adjustment mechanism (Center) Compact hopper design allows generous ground clearance of effective dump angle (Center right) Clean-out door allows flushing of debris from tube (Bottom) Auger folds out of the way when not in use

- The UM Hydraulic Truck Auger helps handle bulk materials faster, more economically
- You can transfer up to 900* pounds of fertilizer per minute and up to 500 bushels of small grain per hour
- Traditional UM quality is apparent throughout the Model TAG 12 Truck Auger
- Your grain truck can help you save money
- Hydraulic hoses of the length needed, and connections for your particular installation may be purchased from your dealer at extra cost

We Also Have McCurdy GRAVITY BINS

In Stock

Model 190	Model 275
Model 230	Model 375

- With tarp kits available for wind & weather available
- Side Extensions
- Ladder Extensions

GOOD USED IH 12 TON SINGLE AXLE WAGON

With 12.5Lx15 8 ply tires on heavy duty 8 bolt wheels and extendable quick hitch.

$1,050
Less 5% OFF

DAVISS MODEL 700 TRENCHER

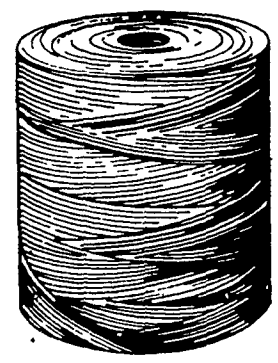
On tracks with dozer blade, in good running order

$2,500
Less 30% OFF

USED IH 4 ROW CULTIVATOR

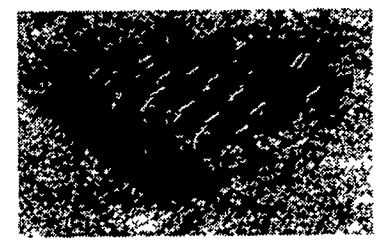
$725.00

BALER TWINE IN STOCK



Conventional Sisal, 9,000 or 10,000 Triple A Quality 10 or more bales only **$19.50**

Also plastic for Round Bales in stock



GLENCOE SOIL FINISHER

SAVE FUEL, TIME & CHEMICALS

- One-pass seedbed preparation
- Now more than ever this new proven machine makes sense
- Model # SF129, set-up, ready to go

12'9" working width

1 Only
SALE PRICE **$6,480.00**

NI # 10, 1 ROW CORN PICKER
Pull Type
$845.00

6 ROW BRADY STALK SHREDDER
1000 RPM
$1350.00

GEHL MODEL 87 HI-THROW BLOWER
Excellent
$650.00

GOOD USED NECO 6" x 52' LONG TRANSPORT PTO GRAIN AUGER
with hopper and downspout
$825.00

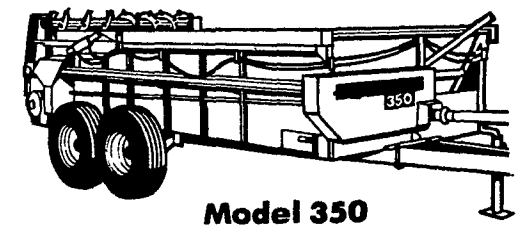
ROPER MODEL 14 RIDING MOWER

Like new, 14 HP., 42" mower and new 32" snowblower.

$1,460
Less 20% OFF

SMOOTH SPREADING...

New!



Model 350

THE KNIGHT SPREADER

Equipped as follows: top beater, endgate with dual cylinder hose to tractor, Gratz double web-worm gear drive, copper-bearing corrosion resistant box, tandem on 10:00x20 tires

1 Only at **$6607**

Buy this heavy duty spreader and that will be the last manure spreader you will have to buy for many years! Why? Because of copper bearing steel to resist rust, heavy under carriage, Gratz 4 channel Web, no paddles to replace with auger ripper wide spread which also gives a finer more uniform spreading. No more big piles of manure laying around in your field. Buy now and end your spreader problems.

GEHL®

The #1 Choice Of Our Nations Farmers

Why? They have a 21" Mill with 66" reversible hammers which gives you more cutting action, not as much pounding which makes dust. Due to this fact you can use one size coarser screen than any competitive brand, that should tell you something. Another big plus is the self contained total hydraulics in loading and unloading augers which means no sprockets to trouble you.

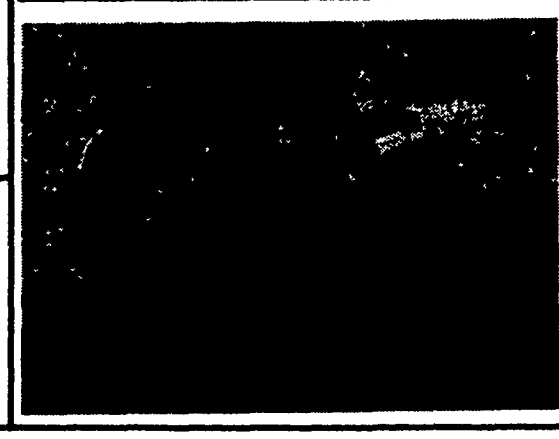
New Gehl Model 135 Bu.

set up, ready to tow away with 2 screens of your choice with 12.5Lx15 ply flotation tires. Serial #3797

1 only ieftover at old price **$7,998**

GOOD USED SKID LOADER SPECIALS

Case 1830, like new, 30 HP, w/only 485 original hrs., 60" wide bucket, hydra. drive	$8892
Case 1530 Uni-loader	$2760
Gehl 4500 w/65" wide bucket, 5 HP, hydrastatic	$8950
Case 1845D, 45 HP, w/45" bucket, ready to go	Call
Owatonna 1200A, approx. 1978 model, 30 HP w/manure fork and bucket	$5860
Owatonna Model 310D, 42" wide bucket and manure fork, rebuilt engine	Call



Athens and

case

CHISEL PLOWS

in stock

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
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Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NEW EQUIPMENT

NH 310, 315 balers
NH 474, 488 & 489 haybine
NH 256 rakes, w/rubber teeth
NH 782, 892 forage harvesters
NH 770W, 880W pickup heads
NH 722 one row head
NH 822 2 row heads
NH 38 crop chopper
NH 80 bale mover
NH 132 bale carrier
NH 358 grinder mixer
Glencoe soil saver
Vicon mower conditioners
Vicon rakes
McConnell 14' forage box
NH TR85 combine w/Cat engine
NH 13' rigid grain head
NH 962 W4 corn head
NH 513 & 519 manure spreaders
NH L325 skid loader
NH 234 8 ton running gear
Woods M5 mower
Pequea running gear
Westco endgate auger
Woodsmen saws
Mitsubishi Beaver 3 tractor
Pittsburgh disk harrow
Pittsburgh one bottom plow
Conde vacuum pump
Hay busters

USED EQUIPMENT

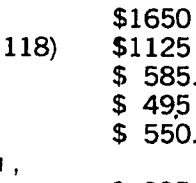
NH 717 r1 corn head
NH 717 forage harvester w/1 row head
NH 469 haybine
NH 401 conditioner
NH 285 baler
Ford 612 chopper w/head
Ford baler
Hesston PT 10, haybine
Brillion 12' cultipacker
Ontario 16x7 double disk grain drill w/grass seeder & acre meter
NH 80 bale mover
Used 450 bales
NI 206 95 bu manure spreader, land or traction driven, slightly used

Renting skid steer loaders

ABRACZINSKAS
Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

THINK SPRING

2 cyl Wisconsin baler engine, mounting brackets & fuel tank
Badger bunk feeder wagon
MF 3 pt. mower, like new
New 3 pt. blades, 6 and 7 ft , special discount
JD 7' pusher blade
IH transport disc, new blades, 10½ ft.
JD post hole digger, excellent
JD 640 rake w/dolly
Ford 6600 diesel, big rubber, 1100 hours, like new cond.
Thrower for 273 baler, exc.
New 5' Bush Hog Rebel model, only 1 left, list $750, our price $595
5' Kingcutter, good cond.
NH Super 26 blower, ex.
Pollard wheel rake, new teeth Brady hay conditioner
Little Giant 32' elevator, like new
New 3 pt. wheel rake
New 6' bucket to fit Swartz or Oliver manure loader
Swartz feeder wagon, Model 190, 153 bu.
Rosenthal corn husker, good cond.
Special - Goodyear 11Lx15 12 ply high flotation tires, $57.50 no tax.
Gehl 120 grinder mixer, 3 yrs. old, exc. cond.
Glover 9000' baler twine, list $19.95, April Only
JD 3 section harrow
Case 1210 diesel, low hours, excellent
NH #25 Whirl-a-Feed blower
NI roller bar rake, brand new, special discount
20' Steel rack bale thrower body in stock, special discount $1250



Cash and Carry
Sales and Service
on farm tires
DJ IMPLEMENTS
Located in Reistville
midway between
Myerstown and Schaefferstown
along Rt 501
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Tractors

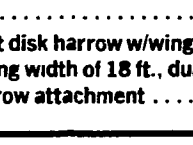
AC 190
AC 180
AC D19
AC 7030
AC 7040
AC 7050
AC 7000
JD 2010
JD 4010
JD 70
IH 504
IH 300
IH 450
IH 340
IH H
JD B
JD A
Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
Used Kubota 245 w/Loader, FWD
Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
Used Miller Discs 8½', 10'

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

Demonstrator
BADGER
12' MANURE PIT PUMP
List $3950 SALE $2280

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls



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573 Willow Rd. Lancaster, Pa.
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UMBERGER'S OF FONTANA

NOW CELEBRATING OUR
50TH ANNIVERSARY
OUR LARGEST DUTCH AUCTION EVER!

Prices our **REDUCED** each day (except Sunday) until sold.
Located At: RD4, Lebanon, PA 17042
717-867-5161 or 717-867-2613

—USED EQUIPMENT—

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 4/10
Century Sprayer - 300 gal., new 8 roller pump, 35' 10 row boom	$1150.00	$ 3.00	$ 973.00
Cobey Manure Spreader - 130 bu., 2 beater	$1175 00	$ 3.00	$998.00
Ford Chisel Plow - 9 tooth, 3 bar	$1375 00	$ 3.00	$1198.00
Gehl FB87 Blower - PTO, 48" (Tag No. 1148)	$ 675.00	$ 2.00	$ 557.00
Gehl 600 Harvester with 2 row wide corn head (1139)	$1995.00	$ 4.00	$1759.00
Grove Unloading Wagon - 2 beater, 4 ft sides (1116)	$1650 00	$ 3.00	$1473.00
Grove Unloading Wagon - 3 beater (Tag No 1118)	$1125 00	$ 3.00	$948.00
IH Riding Mower - 8 HP, 25" cut, rear engine	$ 585.00	$ 2.00	$ 467.00
John Deere 4 section Rotary Hoe	$ 495 00	$ 1.00	$ 436.00
King Wyse 28 ft Elevator with motor	$ 550.00	$ 2.00	$432.00
New Idea 212-217 Manure Spreader - 146 bu , single beater, (Tag No 1184)	$ 995.00	$ 2.00	$ 877.00
New Idea 213-217 Manure Spreader - 176 bu , single beater (Tag No 1200)	$ 995 00	$ 2.00	$ 877.00
New Idea 214-217 Manure Spreader (Tag No 1173)	$1895.00	$ 4.00	$1659.00
New Idea 702 Uni Power Unit - with cab, gas engine	$6250.00	$12.00	$5542.00

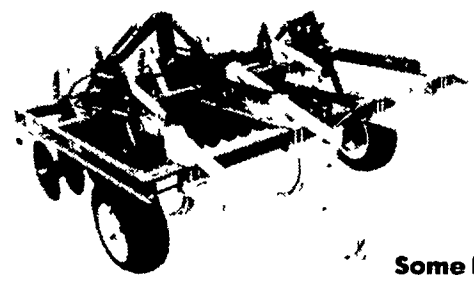
—NEW EQUIPMENT—

Bush Hog Box Scraper - 7 ft., 3 pt., with scarifiers	$ 770.00	$ 2.00	$ 652.00
Brillion BRS6302 Cultivator - 6 row, S tine	$2100.00	$ 5.00	$1805.00
Ideal Farrowing Stall	$ 220.00	$ 1.00	$ 161.00
Danuser 12 ton 3 pt. Log Splitter	$ 825.00	$ 2.00	$ 707.00
New Idea 109 Fertilizer Spreader - twin spinner	$1095.00	$ 3.00	$ 918.00
New Idea 456 Round Baler	$9500.00	$12.00	$8792.00
Pequea Model 250 Woodsaw	$ 850.00	$ 2.00	$ 732.00
Toro Power Shovel	$ 99.00	$ 1.00	$ 40.00

OTHER USED EQUIPMENT

IHC 55 10 Tooth Pull Type Chisel Plow
NI 737 12 Roll Uni Husking Bed
16 ft. Harvesthandler elevator, like new
JD 12' Harrow, like new
JD KBA 32 Disc Transport new blades
(2) Brillion 12' Packers 4" Axle
Brillion 10' 4" Mulcher
JD 216 Self Unloading Wagon w/roof 3 btr.
NH 469 SP Windrower, excellent condition
Hesston Stackhand #10
Hesston 3 pt. Stackmover
NH #469 Windrower
9' Pulvimulcher non-transport
MF 12 Riding Tractor w/mower

IN STOCK: **Glencoe**™ LANDOLL
case **Soil Saver**



ALL PULL TYPE MACHINES IN STOCK WITH HOSES TO TRACTORS, SET UP AND READY TO GO.

Some Rental Units Available at Reduced Prices

ARE YOU LOOKING FOR A GOOD USED DISK HARROW?

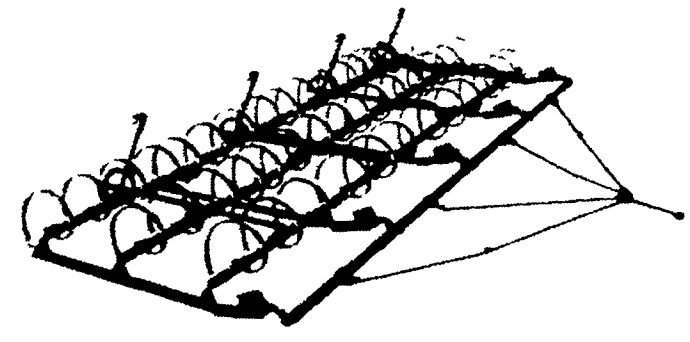
WE MAY HAVE JUST WHAT YOU NEED!

IH Model 475 transport disk harrow in excellent condition. 13 ft. 6" cut, blades approx. 21" diameter, 9" spacing, furrow fillers, 12 bearing hangers, large flotation tires $2950.00

IH Model 37 transport disk harrow, 11 ft. cut, blades approx. 19",7" spacing $1650.00

IH 12 ft. pull type disk harrow, 16" blades w/scrapers, 40 disks, 7" spring $550.00

Ford Model 230 transport disk harrow w/wings, spring assist wing lift, total cutting width of 18 ft., dual wheels w/Midwest 3 bar tine harrow attachment $2860.00



PITTSBURG SERIES 294 SPRING TOOTH HARROWS

Strong, simple construction...flexible with convenient adjustments. In Stock

8 Ft. Wide Pull Type — 1 Only at $461
8 Ft. Wide 3 pt. Hookup — 1 Only at $532

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd., Lititz, PA 17543
PH: 717-626-4705

Hours: Daily 7AM to 5PM; Sat. 7AM to 11:30AM

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FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

LONG

New 610 DT $10,604
New Long traveling irrigation unit 1553
New Long 360 $6345
New Long 510 $7078
2 Long 560 one w/cab, one w/loader
New Long 460 $6653
New Long 310 $5483
IH 1066 w/cab
IH 656 Hydro
IH 784 w/cab
Farmall M w/PS
1 JD 4230 w/cab
2 JD 4020 one w/cab
1 JD 3130 w/cab
2 JD 3120
JD 3020
2 JD 2130 1 w/cab
1 JD 2120
JD 2030 w/cab

Jaegar irrigation pump
MF 175
1 Ford 9600
Ford TW 10 w/canopy
Ford 8600 w/dual power
1 Ford 6600 w/dual power
New Ford 6600 $14,900
New Ford 6610 $15,900
Ford 5600
3 Ford 5000, one w/dual power
Ford 4500 backhoe
Ford 4000 w/loader
3 Ford 3000
Ford 841
Ford 772 A loader
Roadless 95 4 wh drive

¼ Mile East of Exit 6 I-81

LONG SUPER ONE DAY SALE PRICES GOOD UNTIL APRIL 30, 1982

New Int. 88 Series Tractor

** All Equipment In Stock **

84 Series
IH 184
IH 284, gas & diesel
IH 284 4WD
IH 384
IH 584
IH 784
IH 884
IH 274 high clearance

30 Series
IH 3288
IH 3688

50 Series
IH 5088

certified service
This dealership's service department has qualified as an IH Certified Service Center
International Harvester Company
1980 1981

5100 Grain Drills
16x7
18x7
21x7
20x6

800 Series Planters
4 row air
4 row plate

Hay Eq.
IH 445 w/baler
IH 15 thrower
IH 1300 7' mower
IH 35 rake

Plows
IH 720 5 btm. 18" auto
IH 6010 10' consertill
IH 420 2 btm. 14" 3 pt.
IH 55 13' 3 pt. chisel plow

Good Selection of Used Equipment

Wm HOBENSACK'S SONS
1060 GREELEY AVE.
IVYLAND, BUCKS CO., PA.
18974
1-215-675-1610 1-215-343-2101

IRRIGATION
Save 10% on Irrigation Repairs
Gaskets for:
Race - Irreco - Wade-Champion-Wosco - A/M - Shur Rane - McDowell and others.

RAINBIRD, SKINNER, BUCKNER SPRINKLERS

Good rebuilt GORMAN-RUPP PTO pump
Also used HALE and CMC, need repairs

EECO, INC.
Harrisburg, PA 17110
717-238-9423

WISCONSIN HEAVY DUTY ENGINES

6 to 65 H.P.
AUTHORIZED SERVICE CENTER
COMPLETE REBUILDING - LARGE PARTS INVENTORY

SPECIALS
Wisc. VH4D 30 hp Crank Start Power Unit
w/clutch-reduction $1550
Electric start $1830
Standard shaft $1380

B&S 10 h.p. Cast-Iron $325
Wisc. AENLD 9 h.p. w/cl.-reduction $945

FISHER ENGINE SERVICE
3141 Old Philadelphia Pike
Bird-in-Hand, PA 17505 717-768-3729

M & R EQUIPMENT, INC.

NEW PARK, PA
Ph. 717-993-2511 - 717-246-1972
(After 6 P M. Call 301-452-8693)
United Parcel Servic
PACE

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

IH "800" Planters for '82.

Stop in and see our own "no-till concept"
Our Colter is mounted just 9" ahead of the seed opener on the main tool bar.
IH 800 Planters will "out-till" all other "no-till" planters!

SALE (New) Demo **NEW HOLLAND L-35 LOADER wBUCKET $9900** A real deal!

Ask us about the "Ground Plane" Rotary Sprayer Atomizer enables you to use as little as 1 gallon of water per acre *PLUS* less chemicals. "Adaptable to your present sprayer."

SALE PRICES ON IH NEW & USED TILLAGE
New - 720 plow 5x20" $6400, auto reset
New 730 plow 4 btm. - Vari-Width
New 370 disc 12'3"
New 770 offset - 12' $6700, SOLD es
New 4500 Vibra-Sahnk - 8 5 ft., 14.5 ft.
Used JD 110 disc 11', good
Used Oliver 17' Wing Disc
Used 510 Plow 4x16", Recond.
Used 550 Plow 5x16"
Used IH 55 Chis SOLD 11' trailing type
IH 1250 Grinder Mixer $ SOLD

IH WAIVER OF FINANCE ON ALL TRACTORS AND COMBINES — NEW OR USED OR CASH REBATES

NEW HOLLAND FREE FINANCE JUST ANNOUNCED HAY & FORAGE UNTIL 10-1-82 OR 6% CASH BACK!

CHECK OUT OUR NEW POLICY! WE DISCOUNT ALL CASH PARTS SALES. ALSO ASK ABOUT OUR PARTS PRICES, MANY COMPETITIVE PRICES HAVE JUST BEEN REDUCED.

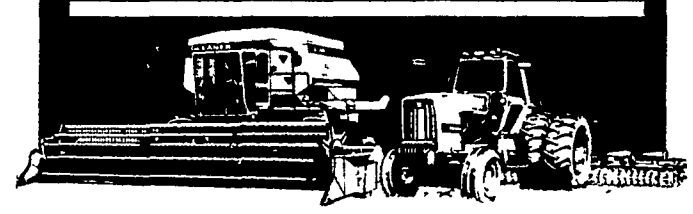
WE HAVE CUSTOM BUILT HAY WAGONS
Slotted Oak Floor, Oak or Steel Sides
Call For Price You Will Be Surprised

USED EQUIPMENT

John Blue - truck mtd. dry fertilizer spreader. Excellent Cond. 8 ton
IH 303 Combine, both heads, cab, very good shape
JD 55 combine, cab, both heads
"H" tractor parting out
IH 2400 Ind. tractor diesel, 6-way hyd. blade
Farmall Super C
IH 560 Die SOLD
NH 273 baler, like new
JD 2510 gas tractor overhauled
Hesston 9 Haybine
IH B414 Diesel, 3 pt.
NH 1002 bale wagon.
IH 1150 grinder mixer
IH 440 baler w/thrower, nice, hyd. bale tension
IH 449 4R planter - nice
MF 4R planter - 500 acres $1500
JD FBB grain drill - 13x7 - nice
Moline 15x7 drill - very g SOLD
IH 550 plow 5x16
IH 51 forage box w/roof; heavy gear
5' 3 pt. rotary mower
NH 27 blower - rebuilt
IH #70 pull type plow 3x16", nice

ALLIS-CHALMERS ANNOUNCES

9.9%
5 YR. FINANCING.
THE "SAFE HARBOR" LEASE/OWNERSHIP PLAN



OR
INTEREST FREE FINANCING UNTIL 9/1/82 ON NEW TRACTORS 3/1/83 ON NEW IMPLEMENTS.

TRACTORS

AC 5050 Diesel	$13,900
AC 6060 Diesel	15,900
AC 6080 Diesel	22,800
AC 7010 Diesel	29,995

Cash rebates available in addition to above prices.

IMPLEMENTS

AC 2313 Disc Harrow	$3,650
AC 770 4R Planter (air)	3,900
AC 2600 19' Disc Harrow	7,400
AC 333 4R no-till Planter (plate)	7,400
AC 333 4R no-till Planter (air)	7,990
AC 333 6R no-till Planter (air)	11,400

USED EQUIPMENT
AC 7000 Tractor
AC 175 Tractor
IHC 574 Tractor
IHC 2606 Tractor
Ford 901 Tractor
Sunflower 14' offset Disc Harrow
IHC 400 6R Cyclo Planter
Call about used combines

Above prices are for "on hand" Merchandise only. Call about other Equipment needs. We can find what you want!
FOB-Herndon

MECKLEY'S GARAGE
758-3915 (717)
Herndon, Pa.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Star-trac is here!

Get everything you're entitled to every feature and convenience you want in the world's newest silo unloader It's called Star-Trac. Strong, simple and quiet The ultimate machine that's light years ahead of any ring-drive unloader you've ever seen Stop in and see it today

10% DISCOUNT UNTIL JUNE 15

DON R. NISSLEY
RD 1
New Providence, PA
717 786-7654

FARM SYSTEMS CHROMALLOY DIVISION

FOR SALE THIS EQUIPMENT IS NEW

- 16' Danco Forage Box Pintel Chain Roof Unloaders, Either Side New Tandem 12 Ton Gear $5800.00
- 14' H&S Forage Box Pintel Chain Roof Unloaders, Either Side New 10 Ton Gear $5375.00
- H-S Bale Bodies 8x16' $1050.00 9x18' $1150.00
- H-S Manure Spreaders 180 bu. $3250.00
- 220 bu. $3440.00, 295 bu. $5190.00, 350 bu. $7000.00
- Starline Tank Spreader Model 710 $1800.00
- H-S Feeder Wagon 24' $2500.00
- Kools Blower KD 60 $2500.00, 3 pt. Spin Spreader $375.00
- NI #323 Picker $5500.00, NI Rake $1500.00
- 200 bu. Parker Bins $675.00 Fertilizer Augers to Fit Bin $725.00
- 8 Ton Wagon $490.00, 10 Ton $790.00, 12 Ton Tandem $1200.00
- JD 12' Harrow Rev Teeth $800.00, Zimmerman Elevators 28' to 48' Long. Imco Mowers, Blades, Disk, Post Hole Diggers New Armstrong Tires & Tubes All Sizes.

USED EQUIPMENT

Most anything a farmer would need Need Plows 2,3,4,5,6 BT Some Hyd. & Spring Reset Combines Pull Type & Self Propelled.

Lots More Used Equipment Not Listed

McCarty Machinery
Muncy Pa.
Lycoming County
Phone 717-546-6133

JD 4020; JD 2630; JD 2030; JD 2020; JD 1020 needs work; JD 435 diesel, JD 420; MF 50; MF 265; Ford 5000; Ford 3000; IH 574; Farmall Super C.

Several balers-NH 68, 269, 271, 273, with or without thrower,

NH 718 harvester, 1 row; NH 890 harvester, 2 RN and pickup; NH 479 haybine; JD AW disc, 10'.

Lots of Equipment Not Advertised

Elmer Gockley
215-267-3281

TRACTORS

AC WD w/3 bottom plow
IH 560 diesel sharp, 65 HP
Ford 901 PS/3 pt new tires
VAC Case w/wide front
IH 300
MF 85 Gas WFE 60 h.p.
JD 70 Gas
Massey 44 WFE
(2) JD Late A
Farmall H $750
Int. 574D row crop, 2400 hrs, $5,500
Oliver 88 hyd. live shaft, P.S.
Farmall BN w/hyd., $1,000

COMBINE CABS

JD 105 w/air, will fit others
IH 403, late model, fits 15 series
IH 403, will fit 203, 91, 205, 315
MF 410, 300, 510
Gleaner L, M, C-2

HAYBINES

IH 1290, 12' head
NH 460 $500
Hesston 12' hydro swing $1650

COMBINES

IH 205 2 heads
Gleaner C2 two heads
Gleaner C2 one head
Gleaner F two heads
1971 model $3000 spent on it in Fall '81
MF 300 $2000
MF 300 w/cab $2500
MF Super 27 Clean $850
MF 410 grain head, nice $950
AC 66 pull
IH 203 10', PS $2100
JD 30 auger feed, pull
IH 93 10' $2000

MISCELLANEOUS

NH 275 baler w/thrower $2000
1000 gal. Girton expansion milk tank w/automatic computer, type washers, 2 three HP compressors, 5 mo. old $7000
6 ton feed bin, 2 yrs. old $850
IH 400 air planter, 4 row, $1500
IH 8' disc
IH 5 btm. plow 16' $750

DISMANTLING TRACTORS FOR PARTS

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler.
Dismantling 100 combines and 50 pickers for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

H. SCHWARTZ & SONS, INC.

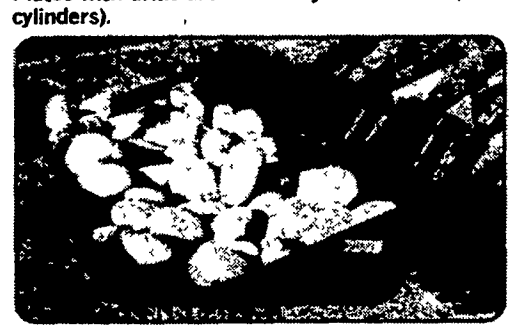
NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

PIPE

NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

VIEL ROCK PICKER

Shown below is Size No. 60275 with 6' swath & 2¾" tine spacing... the 2 Mounting Brackets and Plates with arms are for a 4 cylinder loader (2 tilt cylinders).



RUGGED 1¼" SQUARE SPRING STEEL TINES

No need to rely on others to pick your rocks - just hookup your Front End Rock Picker anytime and do the work of 8-10 men.

When you are finished just pull the pins or release your QUICK-TACH and set the rock picking assembly aside until you need it again.

EXCLUSIVE FEATURES

MODEL EG ADAPTS TO ANY LOADER!

- All regular 4 cylinder loaders
- All QUICK-TACH Loaders
- Skid and Uni-Loaders
- Loaders with trips
- 3 cylinder loaders (1 tilt cylinder in center) require a 3rd Mounting Bracket, Plate & Arms

Attaches just like your bucket

Our Patented Brackets & Mounting Plates Clamp on any place on Cross Bar to be in line with your Loader Arms & Cylinders and DO NOT INTERFERE with tines or spacings.

Backed by over 30 years experience manufacturing rock handling equipment

John J. Hoover, dealer
RD 1 Box 56, Clark Run Rd.
Blaine, PA 717-536-3597
No Sunday Sales

See Us About IH Purchasing Programs.

NEW EQUIPMENT
Call for Prices

510 4x16 plow
720 4x18 plow
5507 chisel plow
5510 chisel plow
5514 chisel plow

USED EQUIPMENT:

766 Tractor	$12,400
Farmall M	$1650
Farmall 656 gas, tricycle, 3 pt.	$4950
MF 65 diesel w/industrial loader	$4750
IH 715 combine	$15,900
IH 710 5x16 plow	Coming In
IH 4x14 trail plow	$375
JD 12' Mtd. Vibra Shank harrow	$1550
IH 55 14' chisel plow	$1745
IH 400 Cyclo 4 row planter	$3450
IH 400 Cyclo 4-row planter	$2975
AC 4 row no-till planter	$2350
IH 56 4 row planter	$1750
Pincor alternator with trailer	$1495
Fox blower	$750
IH 430 baler w/thrower	$2950
IH 37 baler w/thrower	$1695
AC 303 baler w/thrower	$1295
IH 990 9' mower-conditioner, very good	$2775
IH 990 mower-conditioner	$2250
#10 single disc drill	$2300
IH 1050 grinder-mixer	$1775
Snowblower for 154 Lo-Boy	$425

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147

INTERNATIONAL AGRICULTURAL EQUIPMENT

• U P.S Service Available

VICON WENT TO ALL LENGTHS TO MAKE A SEEDER-SPREADER THAT GOES TO ALL WIDTHS.

Visit your Vicon dealer to see the full line of new dimension Vicon Seeder-Spreaders They're the most accurate on the market for applying seed, all types of fertilizers, trace elements, and most farm chemicals. Hopper capacities range from 400 to 2400 pounds. Best of all is the new ADJUSTABLE FEATURE that lets you spread in widths from 20 to 45 feet

Glass-fibre reinforced polyester makes the hopper strong, yet lightweight and easy to clean Other critical parts that come in contact with fertilizer are made of nylon or stainless steel.

Vicon's proven oscillating-action spout provides even, accurate coverage on flat, sloping or uneven ground. Use it for everything from broadcasting to band-spreading. The hopper can be lowered to the ground to fill easily by hand or machine.

You need a multipurpose, multiwidth seeder-spreader like this Vicon went to all lengths to make it durable, versatile, reliable and accurate

the new DIMENSION in spreading

See at TRIPLE H EQUIPMENT or RED WING FARMS or Ask For a Free Demonstration
New Special Cash Discounts on all Vicon Equipment
Mowers — Rakes — Power Harrows — Seeders — Round Balers

Triple H Equipment
RD1, Peach Bottom, PA
717-548-2094/548-3775/548-2640

Vicon

Red Wing Farms
RD 1378, Fleetwood, PA
215-944-0791

NEW FROM Vicon THIS YEAR

Limited Supply

REASONABLY PRICED
MANY ADVANCED FEATURES, INCLUDING:

- Smooth Full Length belts
- Bale ejection ramps - no backing up
- 108 Tooth 6 bar double cam pickup
- Variable bale density control
- Electronic twine tie std.
- Automatic Chain oiler
- Variable bale size
- Rugged Unibody construction
- Ideal for use in high moisture
- Round bale silage

AVAILABLE AT

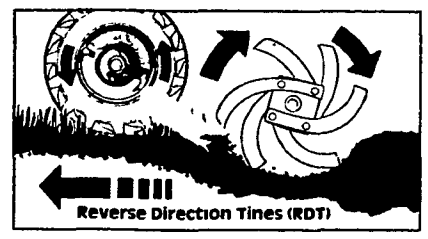
TRIPLE H EQUIPMENT
RD1, Box 141
Peach Bottom, PA
717-548-2094
717-548-3775
717-548-2640

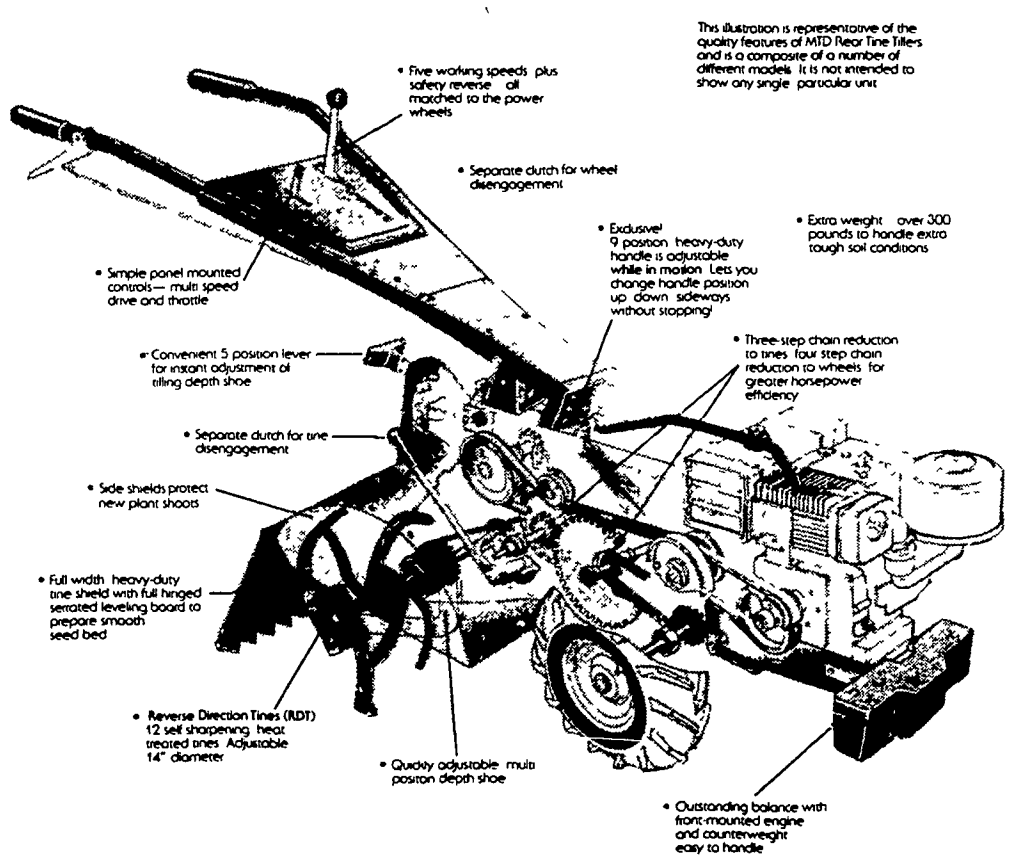
or

RED WING FARMS
RD 1378
Fleetwood, PA
215-944-0791

MTD Many Brand Tillers Make Claims - But MTD Proves Its's Performance... Call For Free Demonstration.

Rear-Tine Tillers...
Reverse-direction tine operation means even greater efficiency and stability. It makes the 12 self-sharpening, heat-treated tines dig in and thoroughly till the soil on the first pass.




This illustration is representative of the quality features of MTD Rear Tine Tillers and is a composite of a number of different models. It is not intended to show any single particular unit
• Five working speeds plus safety reverse all matched to the power wheels
• Separate clutch for wheel disengagement
• Exclusive! 9 position heavy-duty handle is adjustable while in motion. Lets you change handle position up down sideways without stopping!
• Extra weight over 300 pounds to handle extra tough soil conditions
• Simple panel mounted controls— multi speed drive and throttle
• Convenient 5 position lever for instant adjustment of tilling depth shoe
• Three-step chain reduction to tines four step chain reduction to wheels for greater horsepower efficiency
• Separate clutch for tine disengagement
• Side shields protect new plant shoots
• Full width heavy-duty tine shield with full hinged serrated leveling board to prepare smooth seed bed
• Reverse Direction Tines (RDT) 12 self sharpening heat treated tines. Adjustable 14" diameter
• Quickly adjustable multi position depth shoe
• Outstanding balance with front-mounted engine and counterweight easy to handle

Model 212-410, 5 HP.
$795.00

Model 212-412, 8 HP.
$995.00

We Will Trade Your Used Rotary Tiller

Plan To Attend Our WELDING CLINIC

Wednesday, April 14th
Two Sessions: 1:30 & 7:30 P.M.

Demonstrated by Earl Hansen

from CENTURY Mfg. Co.

FREE

5 Lb. pack of Welding Rods to everyone who attends the clinic.

USED WHITE 508
4 Bottom 18" Plow, Semi-Mtd., Spring Automatic Reset, Disc Jointers, Gauge Wheel, Hydraulic Lift Cylinder with Hoses

Like New $4500.00

WHITE 348
3 Bottom 16" Plow, 3 pt., Spring Automatic Reset, Coverboards, 20" Spring Cushion Rolling Colters, Rolling Landside

List Price.....$3620.00

Our Special $2750.00

USED OLIVER TRACTOR PARTS
- Wide Front Axle Assembly 1550-1955
- 1655 Diesel Engine Block
- Hydra Power for 1600
- Reconditioned Crankshaft for 1755 Diesel
- 1600 Gas Engine Block

1-White 255 Disc Harrow
10 ft. 4 in., 32-7 Gauge Blades, New 9.5L-15x8 ply Tires, Disc Levelers,
List Price....$4630.00
Our Special..... $3500.00

1-White 256 Disc Harrow
12 ft. 8 in., 40-7 Gauge Blades, New 9.5L-15x8 ply Tires, Disc Levelers,
List Price.....$5335.00
Our Special..... $4000.00

SPECIAL OFFER
Purchase either White Disc Harrow Before April 15, 1982 and Receive a New 4" Hydraulic Lift Cylinder and Hoses FREE. Value $150.00

USED PLANTERS

White 5400 Planter
4 Row, No-Till, Granular Fertilizer and Insecticide Monitor

White 5400 Planter
6 Row, No-Till, Granular Fertilizer and Insecticide Monitor

Coming...

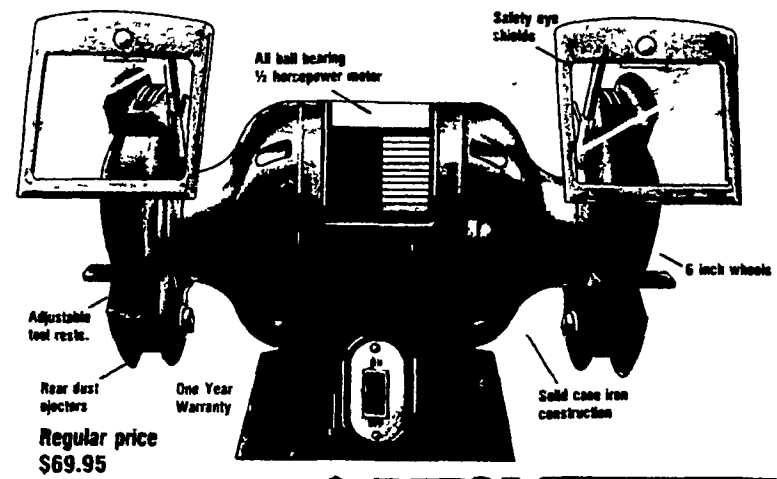
SECOND ANNUAL SPRING PUBLIC AUCTION

SATURDAY APRIL 24
9:00 AM

- HARDWARE
- POWER TOOLS
- WELDERS
- CHAIN SAWS
- LAWN MOWERS
- GARDEN TRACTORS
- AIR COMPRESSORS

FARMERSVILLE TOOL-OF-THE-MONTH SALE

Save 30% on ½ H P Bench Grinder



Regular price $69.95

APRIL SPECIAL $47.95
We Will Ship UPS

DURACRAFT HAND & POWER TOOLS

FARMERSVILLE EQUIPMENT INC.

VISA

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Hours: Mon., Tues., Wed. & Fri. 7:30 A.M. to 5:30 P.M.; Thurs. to 8 P.M.; Sat. till 3 P.M.

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

NEW ITEMS

Complete new 3 pt hitch assemblies for 06, 56, 66, 86 IH tractors Will economically replace 2 pt or worn out 3 pt hitches Call for prices Easy shift hydraulic trans. brake control for 06, 56, 66, 86 & 2+2 model IH tractors Eliminates grinding, eases hard shifting & reduces shift linkage & gear wear

Complete TA assemblies for 706-1586 are priced at $550 and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure.** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA-340-560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor yourself and send the center housing to us **Complete rebuilt center housings available on exchange basis or for installation in tractors which did not have TA from factory.**

Now buying tractors for our used parts dept Let us bid on your damaged tractors

Selling parts from the following:
Please have part no when calling if possible.

Tractors - IH 1066, 806, 706G, 656D, 660D, 450D, 340, 300, M, SM, W-D9C, W-6 & A JD 520, 3010, 2020D, 60, A, B Oliver 1650 G
Combines IH 203, 815 D, fresh 407, JD 30 & 55, MF 35, MF 510 G
Quick Tach, Uni- 701 702 & 705 tractors, also 710 combines & 727 & 737 huskers
Corn Heads - IH 429 WN, 430, 228, 227 328 WN

Parts shipped direct thru UPS & Parcel Post

J. EDWARD LEAMAN

RD #1, Box 474 Willow St., PA 17584
717-464-2874

Used Tractors:

John Deere 2630, 2020, 4520, 4430 w/cab, 4320, 4230, 4030, 4020, 2510, 3020, 3010
Farmall 1806 4 wh. drive, 1466, 1066, 966 with cab, 806, 560, 460, 450 M, H
Allis Chalmers 210, 185 like new
Ford 9600 cab & air, 7000, 4000, 2000, 9N
MF 175 diesel

Used Combines

JD 105 corn special diesel engine, 4 row corn head.
JD 4400

Used Trucks:

1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear

Used Plows & Disks:

Used Keewanne 21' disk,
1450 John Deere 7 Bottom
New White 418 spring reset plow
Large selection of John Deere 5, 6, & 7 Bottom
Athens 21' Hyd. Fold disk
IH 470 18' Disk
Large selection of smaller John Deere disks
New Gehl, Fox & Badger Equip.
John Deere 7000 4 row planter
JD model 2500 6 btm. 18" auto. reset plow
NI 2 row narrow picker
Knight big augie 16, mixer feeder wagon w/electronic scales, used 4 seasons
Used Badger self-unloading wagon, 3 beaters, roof, 14' box
JD 1207 & 1209 haybines
NH 1012 bale wagons
JD 336 baler
NH 273, 275, 276, 278 balers

Special - JD no-till drill, like new

D & R EQUIPMENT INC.

Ringoes, New Jersey
(201) 782-5082

NH 479 Haybine $2775
MF-NI Mower Conditioner $1195
NH 273 Baler $1750
NH 278 Baler
NH 269 Baler w/thrower $1650
Starline 810 Flail Spreader $775
(2) NH 518 Spreader w/hyd. endgate ..... $1600 to $1750
JD 44 Spreader 450
IHC 550 Fg. Harvester w/pickup & 2R Adj. Heads $895
NH 717 Forage Harvester
NH 880 N3, R2 Cornheads
IHC 37 Baler & thrower $875
NH 269 Baler $1150
JD "60" PTO Blower $475
Call for prices on other equipment

SPECIAL PRICES ON NEW

NH 782, 892 Harvesters and Heads
NH L35, L325 Skid Loaders
NH 310 Baler
NH Mowers, & Rakes
NH 489 Haybine
NH 14, 230, 234 Wagons
NH 513, 800 Flat Bed Spreaders
3200 gal. Spreader with injector

STARLINE

* Star-trac silo unloaders
* Barn equipment
* Roller mills
* Conveyors and feeders
* Parts and Service

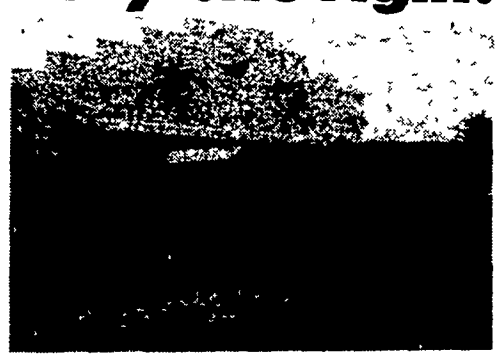
ROY A. BRUBAKER
SALES ★ SERVICE

Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

COME TO WHERE THE MIXERS ARE IN STOCK

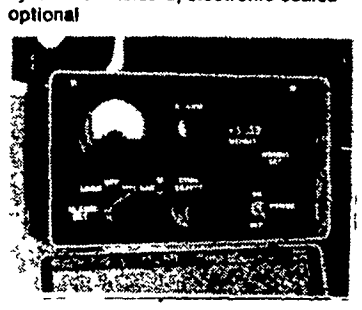
Make every bite right.

Combine Ensilmixer® feed mixer, with scales, and a Jamesway® TMR system.



You can increase production Reduce feed costs. And improve labor efficiency All, when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway Total Mixed Ration (TMR) feeding system (including silage distributor-unloaders, conveyors and cattle feeders) Or, use it with any mechanized feeding system Whether you prefer the stationary, trailer-mounted or truck mounted model, it's a real profit-building management tool

Precisely weighs ingredients. Accurate weighing means consistent, balanced rations, eliminates waste Lets you calculate the amount of feed needed and mix that much Weigh bar system is standard, electronic scales optional



Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side Reverse flighting at both ends lets feed fall freely for recirculation or discharge by the bottom auger Uniformly mixes even partial loads

That's why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle And, can help make farming just a little bit better Ask your Jamesway Power Chorring dealer

We Have Models In Stock - Available At:

DEPENDABLE MOTOR CO.

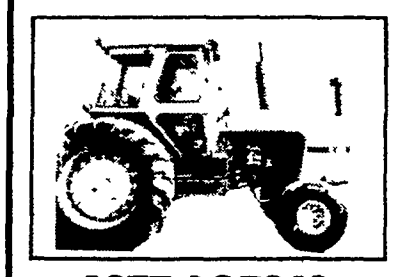
East Main St., Honey Brook, PA
215-273-3131 — 273-3737

BUTLER® Ensilmixer® feed mixer from JAMESWAY®

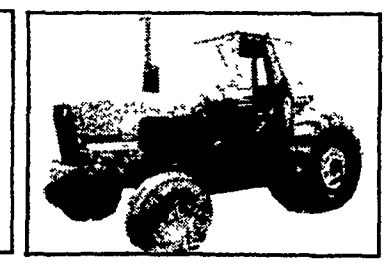
The performance leader ... making the good life better

WE ARE MOVING TRACTORS

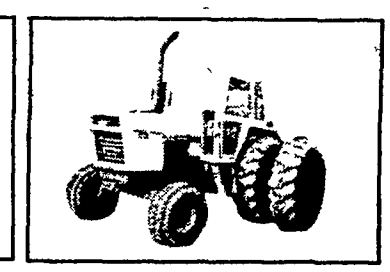
BUY NOW - PAY LATER



1977 AC 7040
Reduced
NOW $17,000



1976 AC 7080
Reduced
NOW $22,000

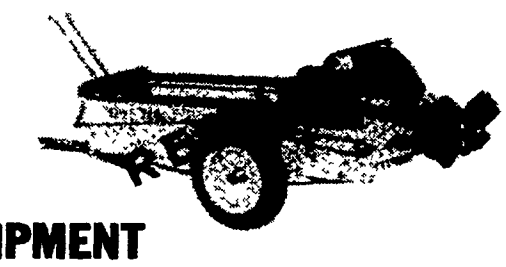


1974 CASE 1370
Reduced
NOW $14,000

WAIVER OF FINANCE ON USED TRACTORS TILL AUG. 1, 1982

Special on Martin Model 1263 Scavenger, Demonstrator $6100

206 GROUND DRIVE SPREADERS
IN STOCK



USED EQUIPMENT

TRACTORS
Case 870 D
Case 1170 Cab
Case 930
Case 1070 D
Case 1370 C-A-H
IH 660 D
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
MM Jet Star 3 diesel

NEW IDEA
206 Spreaders
325/314 Picker Sheller
329 Super Sheller
323 Picker, Clean

LOADERS
1530 Uniloader
Uniloader Broom
1845 D

UNI-SYSTEM
701 Power Unit
702G w/combine
767 harvester
762 row crop
730 4RW Head

FORAGE
Gehl 600 harvester
J.D. 65 blower
N.H. 1880 SP

New Case Rebate Program In Effect Now - Call Us

MISCELLANEOUS
Ford 101 plow
Hesston PT 10
NH Lime Drill
Lilliston 6' Mower
IH 575 Spreader
NH 518 B Spreader
Owattona Grinder-Mixer

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case NEW IDEA GEHL Gets into your system BUSH-HOG

AVCO NEW IDEA

C.J. WONSIDLER BROS.

SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12.30 P.M.

★ **3 LOCATIONS** ★
Trumbauersville to Finland Rd.,
Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P.M.

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M - 12:30 P.M

TRACTORS
AC 7050 w/cab, air & heat
AC 7020 PS D w/cab
AC 190XT D w/cab
AC 180 D
AC 175 D
AC 5040 D
AC D19
AC WD45 G
AC WD G
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
White 2-50 D
Oliver 1850 D
Oliver 550
Oliver 55 D
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 50
Ford 3000 G
Ford 800
Ford 9N
JD 3020 D
(2) JD 60
Case 630 w/loader
(2) Case 300
Satoh Elk 550

COMBINES
Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner FKS w/grain & corn heads
Gleaner AII w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner E w/10' grain & 238 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads
NI Uni-System 714 w/717 combine, 4-row corn head

TILLAGE TOOLS
White 3B 3 pt. automatic reset - like new!
Oliver 6B Semi-mt. Spring Trip
Oliver 5B Semi-mt Spring Trip
AC 5B Semi-mt. Spring Trip
JD 13' Transport Disc
JD 12' Transport Disc
JD 10' Transport Disc
JD 9' Transport Disc
JD 10' Transport Cultimulcher

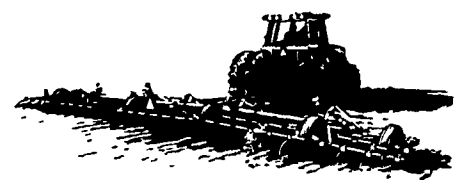
MANURE SPREADERS
NI 213 Flail, 176 BU.
NI 213 Single Beater, 176 BU
NI 213 Three Beater, 176 BU.
NI 218 Single Beater, 318 BU.
NH 516 Single Beater w/endgate, EXCEL.
NH 365 Tank Spreader hyd lid, 6 TON
Hawk Bilt 255 Tank Spreader, 7 TON

NEW **Allis - Chalmers Tillage Equipment**

SPRING TRUCK LOAD SALE

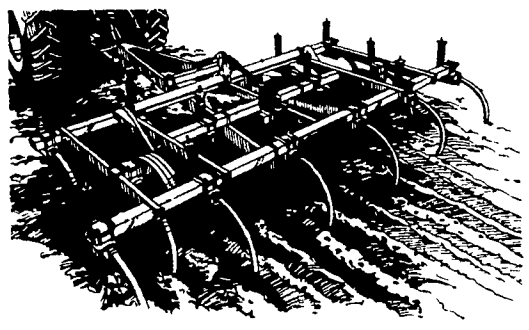
Special *HUGH* DISCOUNTS

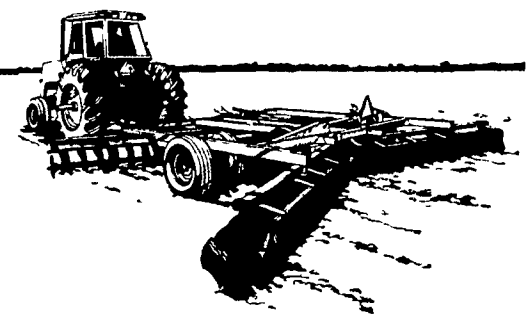
(Call any store for details)


1300 Field Cultivator

FINAL WEEK for special CASH DISCOUNTS!

	LIST	SPECIAL CASH
(2) AC 2600 Center Fold Disc Harrow-16½' . . . . . each	$10,054.00	$8,475.00
(2) AC 2500 Center Fold Disc Harrow-20' . . . . . each	9,610.00	7,900.00
(2) AC 2500 Center Fold Disc Harriw-15' . . . . . each	8,224.00	6,900.00
AC 2500 Disc Harrow-12'	5,615.00	4,975.00
AC 2500 Disc Harrow-10'	5,450.00	4,700.00
(2) AC 2300 Disc Harrow-9' . . . . . each	3,945.00	3,200.00
(2) AC 2300 Disc Harrow-11' . . . . . each	4,158.00	3,400.00
(2) AC 2300 Disc Harrow-13' . . . . . each	5,775.00	4,700.00
AC 2300 Fold up Disc Harrow-15½'	7,253.00	5,950.00
(4) AC 1200 Fold up Field Cultivator-16½' . . . . . each	4,018.00	2,875.00
(2) AC 1300 Fold up Field Cultivator-23½ . . . . . each	6,298.00	4,950.00
(2) AC 2000 5B 16" Plow, auto. reset & semi-mt. . . . . each	7,620.00	5,475.00
(2) AC 2000 4B 16" or 18" Plow, auto. reset & semi-mt. . . each	6,700.00	4,775.00
AC 2000 5B 16" Plow, semi-mt. w/shear bolt	5,177.00	3,900.00
AC 2000 5B 16" Plow, spring trip	5,868.00	4,850.00
AC 2000 4B 16" Plow, spring trip, semi-mt.	5,100.00	4,275.00
(2) AC 70 Series 3B Plow, 3 pt. hitch & mounted . . . . . each	1,954.00	1,475.00
AC 1600 Pull type Chisel Plow-8 shank.	3,298.00	2,275.00
AC 1600 Pull type Chisel Plow-10 shank.	3,683.00	2,575.00
AC 1600 3 pt. hitch Chisel plow-10 shank-DEMO . . .	3,050.00	2,200.00
Fox & Brady 1000 Chisel Plow, 3 pt.-10 shank	2,970.00	1,950.00
Fox & Brady 1000 Chisel Plow, 3 pt.-12 shank	3,250.00	2,300.00


1600 Chisel Plow

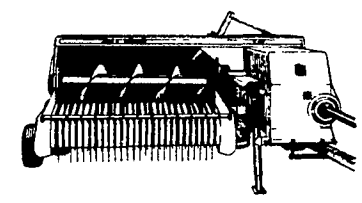

2500 Disk Harrow

Better by Design
ALLIS-CHALMERS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

PLAN TO ATTEND OUR JOHN DEERE

HAY TOOL CLINIC

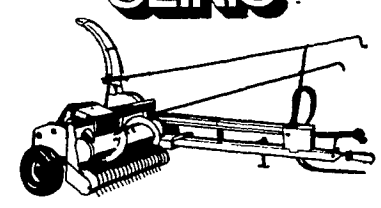


Discover how new John Deere hay equipment is designed to save you time and labor. Field-test these hay tools for a firsthand look at improved productivity.

Pick up tips on hay tool adjustments and maintenance from our haymaking specialists.

Examine the features and quality construction of John Deere hay tools on display.

FORAGE HARVESTER CLINIC



Gather up-to-the-minute information on adjustment and operation of forage harvesters.

Learn specifics about maintenance and service from our forage harvester specialists, to help avoid downtime.

Review the advantages of exclusive segmented-knife Dura-Drum™ cutterheads, easy stationary-knife adjustment, and other features now available on both self-propelled and pull-type harvesters from John Deere.

DATE: APRIL 15, 1982
TIME: 7:30 P.M.
PLACE: NEUHAUS'ES, INC.
RD3 Country Rd.
York, PA 17403

WF | WOODS Division of Hesston Corporation | SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
White 2-105 w/cab & Air

SPREADERS
NI 212 Spreader
NI 214 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
Ontario 16-7 Grain Drill, 1 Yr. Old
Brillion 14' Transport Harrow
Case 1800 7' Chisel Plow

HAYTOOLS
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 68 Baler
NH 275 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond.
NH 460 Haybine
NH 469 Haybine
Gehl 880 Haybine
MF 81 Mower Conditioner

FORAGE TOOLS
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row
NH 880 R2-2-Row Head
IHC 16 w/1-Row & Pickup
IHC 550 w/2-Row & Pickup
JD 66 Blower

NEW EQUIPMENT IN STOCK

WHITE 2-30 2-Wheel Drive
WHITE 2-45, 2 & 4 Wheel Drive
WHITE 2-62, 2 & 4 Wheel Drive
WHITE 2-70 Tractor
WHITE 2-85 Tractor
WHITE 2-105 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 & 90 Bale Movers
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No 8 Forage Box
NH 513, 519, 679 & 800 Spreaders
NH 367, 363 & 303 Tank Spreaders
NH TR75 Combine
KUBOTA - All Sizes In Stock
CAGLE Sprayer
BOBCAT 530, 642 & 743
TYE No Till Drill
GLENCOE 7' Soil Saver
MORRIDGE 275 Grain Dryer

KUBOTA® | bobcat

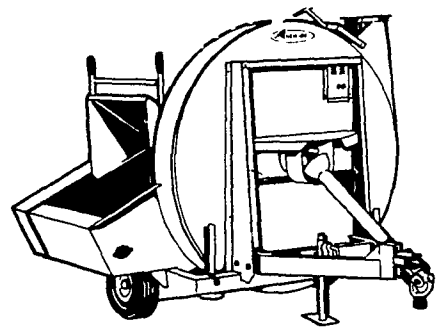
NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

PROGRAM EXTENDED TO APRIL 30TH

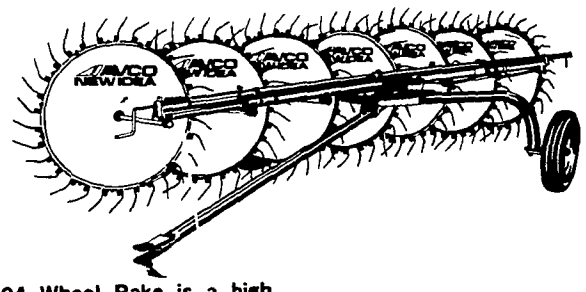
NEW IDEA MODEL 621 FORAGE BLOWER



New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple ..

STILL AT SPECIAL PRICE $1,700

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

STILL AT SPECIAL PRICE $1,150

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

Priced to Sell!!! **NEW EQUIPMENT SPECIALS...** Priced To Sell!!!

WHITE FARM EQUIPMENT

White 2-30 2-Wheel Drive Tractor	$5995
White 2-45 2-Wheel Drive Tractor	$10,995
White 2-62 4-Wheel Drive Tractor	$15,995
White 2-70 2-Wheel Drive Tractor	$15,995
White 543 6-Row No Till Planter	$7995
White 254 10'4" Disc Harrow	$2395
White 285 12'6" Field Cultivator	$1995

NEW HOLLAND

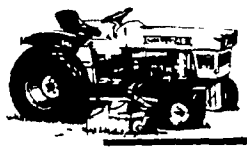
NH 303, 3264 Gal. Liquid Tank spreader	$8495
NH 800, 510 Bu. Spreader w/Hyd. End Gate, Brakes and New 19.5L x 16.1 Tires	$12,995
NH 519, 271 Bu. Spreader w/Hyd. End Gate	$4695
NH L425, 30-HP Skid Loader (Demo)	$9995

★ Free Finance On Spreaders & Grinder Mixers to Sept. 1, 1982

Bobcat 530 23-HP w/2 Buckets **$8295**

bobcat

We're looking for work
KUBOTA



L185 DT **$5295**
L245 DT w/Loader **$7995**

WOODS

RB 700, 7 Ft. 3 Pt. Blade	$495
RB 800, 8 Ft. 3 Pt. Blade	$525
M5P, 5 Ft. 3 Pt. Mower	$675

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

WAGON BODIES

16' or 18' bale thrower box

Latosek Farms
Phone: 717-333-4946

Schwartz 850 mixer wagon w/scales, excellent condition $7500
4010 JD propane gas, new motor $6000
Mt. Joy, PA
717-653-4028

FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
215-286-9510

INTERNATIONAL® AGRICULTURAL EQUIPMENT

Spring Equipment Specials!

NEW IH 584 ROW CROP DIESEL With 16 9x30" 6 plys, 9 5Lx15" 6 plys , air cleaner safety element, 16 1 GPM hyd pump, protective frame telescoping lower links, first rear wheel weight, A&H, List $16,066	SALE	$13,000
IH 1086 DIESEL CAB WITH AIR 24 5x32" 10 plys , 11x16 8 plys, Diff Lock, 15 GPM hyd pump, deluxe control center, front end weight mounted bracket, 1200 lb front end weights, 2 sets rear weights, A&H, warranty til 10 31 83, list $36,289	SALE	$29,950
RENTAL IH 3788 2+2 DIESEL 4 WHEEL DRIVE 20 8x38" 8 plys Firestone, (170 hours), diff lock, 4 hyd valves, auxiliary lighting, A&H, IH Rebates, List $62,960	SALE	$50,000
DEMO IH 501 DISK HARROW - 12'5" 26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd cyl hoses & fittings, set up, list $8031	SALE	$ 6,425
DEMO IH 350 VIBRA-TINE HARROW 18' folding, 3 pt hitch, less cyl , list $2150	SALE	$ 1,250
IH 315 20' PACKER MULCHER HYD. FOLDING Hyd transport cyl , front scrapers, leveling bar, A&H, list $9312	SALE	$ 8,100
NEW IH 5000 SELF PROPELLED WINDROWER DIESEL Cab w/AC, 16 5Lx16 1 6 plys, 6 70x15" 4 plys, counterbalance weight, 12' single auger header, bottom plate, tall crop divider, skid shoes, gauge wheels, A&H, list $24,076 50	SALE	$21,500
DEMO IH 5513 13 TOOTH CHISEL PLOW 3 PT. High clearance reset shanks, slide adj ga wheels, quick coupler, 3" twisted shovels, used tires, A&H, list $2867 75	SALE	$ 2,295
NEW RHINO 131 12' 11" FLEXIBLE DISK HARROW 24" smooth blades ¼" thick, 9½" spacing, new dual tires & tubes, furrow filler & set up, list $8257	SALE	$ 7,000
LITTLE GIANT ELEVATOR 42' w/PTO drive	SALE	$ 2,550
NEW JOHN BLUE L 13,000 FIELD SPRAYER 300 Gal poly tank, L 4000 Gr drive pump, 27½ boom cent pump, list $4310	SALE	$ 3,425
NEW CENTURY 300 GALLON SPRAYER 35' boom, hyd cent pump, list $2586	SALE	$ 2,380
FIDELITY 35 KW ALTERNATOR with trailer and PTO, list $4295	SALE	$ 3,550
RENTAL TYE NO TILL DRILL WITH TRANSPORT hydraulic hose	SALE	$ 4,850
UEBLER 790 ELECTRIC FORAGE FEEDER with batteries, list $3860	SALE	$ 3,300
SERVIS BY ATHENS MOWER 3 Pt , 6 Ft , list $1750	SALE	$ 1,350
VICON 620 HAY RAKE 4 Wheel, 3 Pt , list $1100	SALE	$ 900
VICON H820 HAY RAKE 5 Wheel, 3 Pt , list $1375	SALE	$ 1,100
IH 482 CUB CADET 11 HP 4 Speed, single cyl , Briggs & Stratton, hand lift, 44" mower FREE	SALE	$ 2,669
IH 184 LOW BOY Turing brakes, comb rear light, Woods 59C belly mounted mower, list $6506	SALE	$ 5,700 (Plus Tax)

NEW! **New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS** NEW!
• 22 Ft. And 24 Ft. Models In Stock!

- ★ **THE NEW NUMBER ONE TRACTORS IN STOCK .** 5288, 3288 and 3688
- ★ **WAIVER OF FINANCE or CASH REBATE or 13.5% FINANCING ..** 886 thru 6788 tractors!
- ★ **BUY ANY 84 SERIES TRACTOR IN STOCK...** Get equip and tractor at dealer invoice, plus freight & set up, plus cash rebate or waiver till 6/1/82
- ★ **WAIVER OF FINANCE or CASH REBATE ..** on Hay & Forage equip and combines Additional early buyers bonus on combines
- ★ **15% OFF LIST ON JAMESWAY FANS IN STOCK**
- ★ **10% OFF LIST ON VICON FERTILIZER SPREADERS IN STOCK ..** No freight or set up added

★ **JOHN BLUE SPRAYERS IN STOCK!**

ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

XL We're An "XL" Dealer!

LONG WENGER'S INC. LONG

SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135
PHONE: NIGHTS: 717-866-7147
OR: 717-273-9089

TRACTORS

FARMALL TRACTORS
Cub w/Fast Hitch - Nice $2000
C - Nice $1650
1086 Cab - Air - Nice $15,900
1086 ROPS - Nice $14,700
1066 Cab - Black Stripe .. $11,500
856D WF - 3 Pt $9250
806D $6500
100 Hydro w/Rops $8500
766 D $7950
Super M - Extra Nice $1950
(2) 560D Nice $3900
Cub w/Cultivator $2000

JOHN DEERE
4430 Cab - Air - Syncro ... $17,500
4430 Cab - Air - Quad $14,900
4020 Cab - Nice $9500
4520 - Nice $9800
4320 ROPS - WTS $11,000
4320 ..... $11,500
4020 Powershift $7800
5010 ..... $6500
3020D $5800
(2) 730D - WF - 3 Pt $4200
620 ..... $2500
2020D - Nice $5500
2510 Diesel $6000
1050 4 WD - 1981 - 200 Hrs. $7500

CASE
1370 - 20.8x38's $11,950
1070 Cab - PS $7800
770 PS - Nice $6350
930CK - Cab - Nice $6900
(2) 930CK - Standard $2800
830 CK $3500
870 Gas $6950
VAC - Nice $1450

TRACTORS w/LOADERS
MF 35 ..... $2500
Farmall 300 ..... $1950
Farmall Super MTA $2850
Ford 9N w/Duals $2350

FORD
9700 - Cab - 1979 - 1200 Hrs. $17,500
9600 DP - Wts $8900
8600 ROPS - DP $8900
6000D $2900
(2) NAA ..... $2500 & Up
8N - Extra Nice $2750
600 ..... $2750
800 ..... $3000

TRACTORS - MECHANICS SPECIALS
Oliver 1800D - WF - 3 Pt ... $2900
JD 4030D - Quad $6500
Farmall 806D $3950
(4) Farmall 706 G & D ..... $3250 - $3750
Farmall 560D $2500
Ford 800 ..... $2000
Case 930 Standard $1500
Farmall 826 ..... $5500
JD R $1600
Leyland 384 ..... $2500

OLIVER
1855 - Cab - 1700 Hrs. $9950
1650D $4950
2150 - New Paint $6500
Super 88D $1450

ALLIS CHALMERS
D21 w/Cab - Nice $7500
WD w/Wide Front $1350
7000 w/Cab Powershift .. $11,500
220 ..... $7950
C $950

MASSEY FERGUSON TRACTORS
1105 ..... $8800
175D ..... Coming In
1130 ..... $6500
1155 - ROPS - 1976 ..... $8900
135 - Nice $4500
180 - Gas $4850
50 - Diesel, nice $4500

4 WHEEL DRIVE TRACTORS
Oliver 1800 3 Pt. & PTO $4900
White 4-180 - 3 Pt. & PTO. $17,500
IH 4166 - Nice - 3 Pt. & PTO $13,950
Long 610 - New - 3 Pt. & PTO $11,900
Long 560 - 3 Pt. & PTO $5,000
MF 1805 - 3 Pt & PTO & Duals - Nice - Low Hours $18,500
JD 1050 - 1981 - 200 Hours. $7500

COMBINE CORN HEADS
NARROW ROW
IH 833-743-733-429-329
JD 643-443-343-434-334-313
AC 630-430-330
Oliver 703N-541-531
MF 63-43-33-421-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30 - 4x30
WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22
JD 434-334-234-210-205-10-344-244
AC 440-435-240-238
Oliver 544-531-522-512
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

SKID STEER LOADERS
Case 1740 Diesel $6800
Melroe 500 ..... $2900
Case 1816 - 400 Hours $3950

COMBINES
(2) JD 40's ... $1675
IH 203 w/2 Heads $1975
IH 315 w/Cab - Extra Nice $6900
IH 203 w/Cab $1775
AC E w/Cab - 2 Heads $1975
JD 55 w/Cab Coming In
AC CII w/Cab ..... Coming In
AC All Cab ..... Coming In
Case 960 w/2 Heads ..... Coming In
Case 660 w/Cab ..... Coming In

CORNPLANTERS
AC 770 4x No Til w/Monitor $2900
JD 1240 Plateless $2750
Ford 4X $1000
IH 2xFH - Nice $495
MF 2x 3 Pt $850
JD 290 2x Pull $495
JD 2x 3 Pt - Like New $950
IH Cub $195
MC 2x Pull $695
(2) JD 2x3 Pt .... $695 & $795

TRAILERS
1969 Great Dane 35 ton detachable $14,750
New 2½ ton tilt top $1650
New 2X 4 Ton ... 1350
New 3x6 Ton ... $2000

MISC. CONSTRUCTION
(40) Used hoe buckets ... From $150
(25) Loader buckets .... From $95
(8) Set forklift forks ..... From $300
(6) Winches ..... Call
Adams Grader $2000

CRAWLER LOADERS
Cat 941 ..... $16,900
Cat 933 ..... $8750
JD 350 ..... $7500
AC HD6 ..... $6,000

TRUCK TRACTOR
1974 Ford Louisville Diesel $8650

NI UNI SYSTEMS
701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine
Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
705 Diesel w/cab - nice
760 Chopper
4x30 Corn Head

DUMPS - FARM
1974 Ford Louisville 18' Omaha Dump w/Cattle Racks Diesel $13,950
16' Steel Dump Body - Complete - Excellent $3750

FORKLIFTS
JD 2010 ..... $5000
Int 340 ..... $4500
Yale 3000 Lb. ... $3500
Ford - 28' $8500

CONSTRUCTION DUMPS
(2) 1974 IH & Ford Diesels w/9' Bodies - Air Brakes $12,900

HARVESTERS
(3) N.H. Super 717 w/2x40 or 1X $2250
NH 707 3 pt - 1x $1650
NH 890 - Long Tounge $3800
JD 38 ..... $750
IH 555 ..... $750
Gehl 300 w/2x30 ..... $1000
AC 720 w/2x30. $1450
JD 3 pt. 1X - demo $2500
(100) EXTRA HEADS - ALL KINDS
LARGEST SELECTION IN USA - CALL

SICKLE BAR MOWERS
NH 3 pt. - dyna . $1175
JD 3 pt $395
IH Cub $275
AC "B" $195
IH Super A $275
Case Horse Drawn $250
(3) Oliver 3 pt ..... $395 - $695
Ford 3 Pt. $595

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7' 3 pt New $1095
13' 3 pt $1275
15' 3 pt $1495
4 Shank 3 pt - Big $875

FIELD CULTIVATORS
Brady 3 pt. $895
Case Pull $895

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Long 5 in 1 w/cab $14,900
JD 310 ..... $9500
3 Pt. Backhoe .. $2400
IH Hoe Attach .. $1800
IH 3800 4WD w/Cab $9500
McConnell 3 Pt. Hoe w/pump $2650

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Ford Off 3600 .. $1500
IH 2350 Off 1066 ..... $2250
IH 2001 Off Super M $675
Kelly Off IH 300 . $500
Kelly Off IH 340 . $695
MF Ind. Off 35 . $1350
MORE ON STOCK - CALL

MANURE SPREADERS
NH 675 Tandem $2850
IH Cub ..... $650 Ave
(2) NI 14A $1000
NH Tank $1500

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JD 2x Planter ... $500
1x Digger $395
1x Potato Plow . $150
2x PTO Digger . $750
1x Potato Planter $395

PLOWS
AC 1x's $195
IH 1x's $250
JD 1x's $195
AC 3xSC $195
Ford 1x3 Pt $295
Ford 2x3 Pt $275 & Up
1x Pull Types ..... $200 Ave.
2x Pull Types ..... $200 Ave.
JD 2x3 Pt $495
JD 3x3 Pt . $450 & Up
JD 5x16 Semi . $1350
JD 6x16 1450 Semi $1975
JD 6x18 1450 Semi $2950
Oliver 3x3 Pt ... $495
Oliver 3x Rollover $975
IH 720 - 5x20 Reset $5000
IH 700 - 6x16 Reset $2750
JD 4x Semi Reset $2800
IH 2x16 Rollover $1250
MF 880 5x18 Reset $2900
(3) IH 5x710 .... $1650 & Up
IH 5x720 ..... $2650
IH 3x14 3 Pt - Nice $695
IH 7x16 ..... $2500
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6' 3 Pt Rotary ... $695
6' Pull Rotary ... $795
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10 Ton Wagons .. $625
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3 Pt PTO Wood Splitters $475

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NH 479 ..... $3000
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IH #10 16 Disc Drill $1800
Corn Drags $400
Mayrath 32' Elevator $795
NH 33 Flail Chopper $1275
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Side Dressers ... Call
Spike Harrows ... Call
Spring Harrows .. Call
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Waldon 10' Blade $2500
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3 Pt Woodsaws $500 Ave
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(2) Hammermills . $395
NH Table Blower $395
Feeder Wagon $695
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Lamco 16' 3 Beater & Roof - No Gear . $2350
(2) JD 216 w/Roof & 3 Beater $2200

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Long Belly Mtd .. $875
MH Pony $295
1 Pt FH Mott $395
Ford 3 Pt Flail ... $695
IH for Cub $395
Mott For Super A $395
Terrain King 15' Wing $1675

BALERS
JD 336 w/Kicker $3900
NH PTO Thrower $650
NH 66 ..... $700

DISC'S (MOST EXCELLENT)
IH 18' Wing ... $3900
IH 25' Wing ... $3900
IH 8' FH $750
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JD KBA 28 & 32 . $695
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IH 6' FH $685
(16) Wheel Disc's 8' to 15'. Up to $1975

CULTIVATORS
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JD RM4 - Demo $1750
JD RG4 ..... $875
JD 1x $350
JD 2x $150
IH Cub 1x $450
IH Cub 1x (new) . $700
IH "A" 1x $250
IH "Super A" 1x . $695
IH 153 4x3 pt .. $1850
IH 53 4x3 pt ... $1200
IH 2x ..... $200 & Up
AC "B" 1x $200
JD 8x3 pt $795
MANY MORE - CALL

CORNSHELLERS
MM D PTO $795
JD 43 PTO $200-$500
MM 1200 PTO . $4500

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(2) Oliver Rollbars $575
Ford Rollbars ... $375
Long Rollbars ... $375
IH Rollbar $675
JD Rollbar $875
Misc. Rollbar .... $150 & Up
New Cabs To Fit MF $2250
New Cab To Fit Case $1975
New Cab Cooler . $495
IH Factory Cab . $1650
Combine Cabs ... Call

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JD 16' 3 Pt Mulcher $1500
Dunham 12' Mulcher $2250
Dunham 10' Mulcher $2250
Dunham 16' Mulcher $2500
Dunham 12' Mulcher $695
Bearcat 12' Mulcher $2700
Cultipackers ..... Call

FEED MILLS
NH 354 ..... $3850

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(2) 15.5x38 Snap On - Complete $400
16.9x34 Snap On - Complete $750
16.9x38 Axle .. $750 Plus Hubs
(3) 18.4x34 Snap On Complete $650 & $775
18.4x34 Axle .. $500 Less Hubs
(2) 18.4x34 Factory MF $775
(4) 18 4x38 Axle ..... $750 to ..... $875 Plus Hubs
18.4x38 Factory Oliver $1350
(3) 18.4x38 Factory J.D. .... $775 to $1075
(4) 18.4x38 Factory Ford .. $675 to $1800
18.4x38 Factory MF $1500

STACK MOVERS
Hesston 10W . $650
JD For Big Stacks $1875
Hesston 30 ..... $2250

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MM 3 pt $495
NH 258 ..... $1250

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NI 325 (Late) w/12 Roll $6500
NI 325 w/8 Roll & Sheller $5500
NI 324 (Late) w/Sheller $4800
NI 319 w/12 Roll $3000
NI 311 w/Sheller $1650
NI 323 ..... $2795
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Grinder For Pull $1675
Grinder For Mtd . $750
Sheller For Pull ..... $300-$1000
Sheller For Mtd .. $950
Super Sheller For Pull $1675
IH 234 Sheller Unit $950

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Ford Tractor Model 6000
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JD tractor GM
IHC 3 bottom plow, fast hitch, model 312
NH 9' mower conditioner , Model 469

Ask for special prices on items listed above.

Ford Tractors Equipment

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1976 JD 4400 Dsl. w/cab, 1000 hrs., like new
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1975 JD 6600 Dsl., Cab, AC, Very Good, Choice of Heads
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
JD 40 Square Back 10' grain table, excellent
1981 JD 4420 Dsl. w/cab & air, like new
1978 MF 760 Dsl. hydro, loaded, very nice
MF 410 w/cab, 13' grain platform, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4520 D, Cab, AC, Powershift
JD 4230 Dsl. Cab & Air Power Shift
JD 4020 Dsl. WF w/RG Cab
JD 3020 Dsl. WFE
JD 2520 Dsl. WFE
JD 3010 Gas Row Crop
JD 3020 Dsl. WFE, Side Console
JD 2020 Dsl.
JD 1530 Dsl.
JD 1020 Gas, Utility
JD 300 Dsl. w/Loader 3 Pt
JD 830 Utility
JD 820 Diesel Utility 500 Hrs.
JD 530 3 pt. hitch
IHC 1066 Dsl., Cab & Air
IH 1256 D WF, 3 pt. & Dual PTO
IH 856 D., WF, w/Turbo
IH 856 D. WF w/Fast Hitch 38" Rubber, Very Nice
IH 460 Tricycle Good Rubber
AC 220 WF SOLD
AC 180 Dsl SOLD
Oliver 2255, Cab, Cat. Dsl.
Ford 5000 Dsl. Very Nice
Case 430 Utility 3 Pt. PS, Live PTO

PLOWS

IH 720 5x20 spr. reset
IH 710 5x18 spr. reset
IH 710 5x16 sp. reset
IH 550 5x16
IHC 710 6x16 spring reset
IHC 720 6x18 Togle Trip
IHC 720 5x20 Togle Trip
Ford 3x16 Spring Reset
JD 1450 5x18 and 5x16
JD F145 4x14, 4x16 & 5x16
JD 2500 5x18 hyd. reset on-Land hitch
Oliver 6x18 hyd. reset

MOWER CONDITIONERS

NH 479
JD 1209, like new

BALERS

JD 346 Wire w/Bale Chute or thrower
JD 336 Twine w/Thrower
(2) JD 336 Twine w/Bale Chute, one like new

CORN HEADS

MF 43, 24
AC F430, G430, C#430
AC KF330
JD 243, 244, 343, 443, 444, 643

DISCS

JD 12'-14'-18' BWF Rock Flex Disc
JD 12' AW Disc
JD BWA 12'6" Cone Blades
JD 18' BW Wing Fold
JD 230 Hyd. Fold 22' w/cushion gangs
JD 310 14', like r SOLD
JD 3000 12' Double Offset
Case 56 Blade folding wing, dual wheels, like new

HEAVY DUTY DISCS

Hutchmaster 12' offset
Athens Rhino 11' Flex like new
IHC 760 12' Offset, excellent

CORN PLANTERS

White 5400 6R air, dry fert.
JD 7000 4R Consv. Dry Fert. Insect. Pop Monitor.
JD 7000 4RW liq. Fert., Insect. & Monitor
JD 7000 4 R Wide and Narrow Dry Fert. & Insecticide, Min. Till Colters, Very Good
JD 494A 4 row liquid or dry fert.
Mid-West Harrow Attch. for JD 7000 4 Row Planter, like new

MISCELLANEOUS EQUIPMENT

IH 510 16 DD Opener Grain, Fert. & Grass Drill
JD & IH Rear Mtd. Cultivators
(2) JD16A Flail Choppers
JD 148 Loader, Indep. Control Valves
JD 146 Loader, Indep. Control Valves
20' Speed King Wheel Harrow
JD & IHC 18-38 & 18-34 Duals
NI Wide or Narrow 2R Corn Pickers
IH 2350 Mount-O-Matic Loader
NH 770 Harvester 2RN C.H.
JD 300 Husker 2 or 3 R He: SOLD
NI 324 2 Row Wide Picker w/Super Sheller, Like New
JD 35 Harvester, Choice of Heads

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MF 63 C 6 Row 30" (2)	@ $2500 00
MF 63 6 Row 30" (4)	@ $2100 00
MF 44 4 Row 38" (2)	@ $3500 00
MF 44 4 Row 38" (9)	@ $2500 00
MF 44 4 Row 38" (3)	@ $2100 00
MF 43 4 Row 30' (1)	@ $2500 00
MF 33 3 Row 30"	$2500 00
MF 24 2 Row 38"	$2200 00
MF 422 4 Row To Fit 510	$1200 00
MF 621 4 Row To Fit 510	$1200 00
MF 322 3 Row To Fit 410	$200 00

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MF 200 Harvester w/2 Row Head	$5700 00
(4) MF 1 row Corn Head for 200	@ $900 00
MF 260 Harvester 3 Row Head	$7200 00
MF 260 Harvester w/Used 2 Row	$6100 00
MF 22 Bale Thrower	$1520 00
MF 925 9' Haybine	$4800.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975 00
Niemyer Hay Tedder	$1525.00
(2) Mott 3 pt 72" Flail Mower	@ $1500.00
(4) Farmhand Corn Processor	$4500 00
(4) Conveyor For Above	@ $950.00
MF 468 6 Row Cornplanter	$2588 00
Farmhand 815 Grinder Mixer	$4900 00
EZ 14' Forage Box, Roof, 10 Ton Gear	$4015 00
EZ 14' Forage Box, 10 Ton Gear	$3715 00
EZ 14' Forage Box 1074 Gear	$3950 00

TRACTORS USED

AC 7045 only 610 hours	$26,500
MF 1800	$15,500
MF 1155 8 Sp	$11,000.00
Case 1370 Cab	$14,000 00
MF 33 Wheel Loader	$9000 00
NW 71 Skid Steer	$8000 00
MF 14 Lawn Tractor	$1475 00
Long 9500 Diesel	$4500 00
MF 2675	$20,000 00
MF Super 90 Diesel	$4,500 00
MF 175 on Steel	$4400
MF 135 Gas	$3900
JD 4430 Less Cab	$15,000
MF 65 Gas	$1950
MF 1130 engine overhauled	$8000
MF 275 w/Loader	$12,000

DEMO TRACTOR

MF 2775 24 Sp	$29,000.00
MF 255 M P	$12,200 00
(2) Ind 20C Tractor Cabs	@ $1500 00
MF 220 - 4 Tractors	$7,900.00
MF 4840, 265 Hp , 18 sp 3 pt P T O	$59,000 00

NEW & DEMO MISC. EQUIP.

York 6' Scraper	$230.00
(4) York 7' Scraper	@ $250.00
York 7 Scraper	$500.00
York 8' Scraper	@ $550 00
MF 226 Scraper (3)	@ $460 00
MF 8 10 Ton Gear 11L	$1140 00
MF 7 8 Ton Gear	$775 00
MF 86 12 Ton Tandem Gear	$1525.00
EZ Pincor Gear	$250 00
MF 5 Ton 5th Wheel Gear	$300 00
EZ 672 6 Ton Gear	$675 00
EZ 872 8 Ton Gear (3)	@ $830 00
EZ 1074 10 Ton Gear	$1050 00
MF 216 Q A Loader	$1750 00
MF 32A Loader	$3500 00
Dunham 22 Loader (2)	@ $2550 00
Danuser Post Hole Digger	$875 00
Little Giant Corn Drag	$780 00
EZ 170 Bu Gravity Box (2)	@ $530 00
EZ 220 Bu Gravity Box	$900 00
Danuser Post Driver	$1300 00

NEW & DEMO PLOWS & TILLAGE

MF 43 2 14 Plow	$1060 00
MF 129 3 pt Chisel Plow	$1375 00
Amco F17 32 Disc Harrow	$5200 00
Dunham 8 Tooth Chisel Plow	$1600 00
MF 730 Disc Harrow 10'	$4950 00
Dunham 14' Cultipacker	$1350 00
MF 428 4 38 Cultivator	$1250 00
MF 620, 12' Disc Harrow	$4950 00
Glenco 7 Tooth Soil Saver	$5600.00

USED PLOWS & TILLAGE

MF 880 4 Btm Plow	$3500 00
MM 6 16 Hyd Reset Plow	$1350 00
MF 520 Disc 10'	$1500

USED HAY - FORAGE & PLANTING

MF 1050 Grinder Mixer	$3850 00
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1980 MF 760 V8, 15 ft Floating Header 1163 Corn Head	$57,000 00
1980 MF 750 Hydro , 13 ft Grain Head	$49,500 00
1980 MF 750 Gear Drive 20 Ft Floating Header	$41,000 00
1979 MF 760 V8, 14 Ft Grain Head, 1163 Corn Head	$51,000 00
1979 MF 760 Hydro 6 Cyl , 15 Ft Floating Header 1163 Corn Head	$49,000 00
1979 MF 760 V8, with Grain Saver & Chopper	$45,000 00
1978 MF 760 V8, with rear Wheel Drive & Grain Saver	$48,000 00
1978 MF 510 Hydro, 13 Ft Grain 4 Row Corn Head	$27,000 00
1977 MF 750 Hydro, 16 Ft Floating Header	$38,000 00
1977 MF 750 Hydro, 14 Ft Grain Head, 63 Corn Head	$37,000 00
1977 NH TR 70	$22,000
1976 MF 750 Hydro, 14 Ft Grain Head, 44 Corn Head	$38,500.00
1976 MF 750 Hydro, 14 Ft Grain Head	$29,000.00
1976 MF 750 Gear Drive, 14 Ft Grain Head, 1144 Corn Head	$31,000.00
1975 MF 760 V8, 18 Ft Floating Header	$33,000 00
1975 MF 760 V8, 15 Ft Grain Head	$29,000 00
1975 MF 300 Gas, 13 Ft Grain Head	$11,000 00
1974 MF 510 Diesel, 16 Ft Floating Header	$17,500 00
1974 MF 510 Diesel, 13 Ft Grain Head, 43 Corn Head	$19,500 00
1974 MF 510 Diesel, Less Heads	$15,000 00
1972 MF 760 Gear Drive, 16 Ft Grain Head	$19,500 00
1972 MF 510 Diesel Hydro, 13 Ft Grain Head	$14,500.00
1970 MF 510 Diesel Hydro, Less Heads	$12,500 00
1968 MF 510 Diesel, 13 Ft Grain Head, 43 Corn Head	$15,500.00
1968 MF 510 Diesel, 13 Ft Grain Head	$12,500 00
1968 Gleaner CII, 13 Ft Grain Head, 4 Row 36" Corn Head	$8500.00
MF 510 Gas, 12 Ft Grain Head, 421 Corn Head	$9000 00
MF 410 Gas, 12 Ft Grain Head, 421 Corn Head	$7500 00
JD 95 Gas, 13 Ft Grain Head, 3 Row 30" Corn Head	$8000 00
IH 315 Gas, 12 Ft Grain Head, 2 Row Corn Head	$7900.00
IH 315 Gas, 12 Ft Grain Head	$4900 00
IH 141, 10 Ft Grain Head	$2000 00
IH 303, 10 Ft Grain Head, 2 Row Corn Head	$3900.00

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JD 4 & 6 row corn planters, 2 & 4 btm roll over plows, 17 btm plows, wheel rakes, rotary mowers, disc harrows, 3 pt sickle bar mowers, spring harrows, chisel plows, field cultivators, corn binder

Tractors
IH 1026, 1466, 966, Cub C, Super A, Lo Boy
Ford 9000, 8000, 7000, 5000, 4000, 3000
JD 5020, 4020, 4010, 3020, 3010, 7300
MF 1130, 1100, 1080, 165, 85, 65, 30

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS
Ford 800 Select-o-Speed
Ford 2000 Gas, 6 Speed
Ford 3000 Diesel
Ford 4000 Diesel
Ford 6600 w/cab
Ford 960 Tricycle
Ford 4600 Dsl. w/1000 hrs.
JD 2510 Diesel
JD B
IH 3200 Skid Loader

EQUIPMENT
NH 1495 SP Haybine
Hesston #10 Stack Wagon w/Stack Mover
New IHC 400 4R Cyclo Planter
Landoll Soil Saver 11'
Glencoe 9 Tooth Chisel Plow
Glencoe 12 tooth chisel plow
New Class Combine w/4 Row Corn Head & 15' grain head
NH 516 sgl. btr. spreader
JD spreader
6 Used Balers
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RITCHIE WATERERS
ROLLER MILLS
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See page C6

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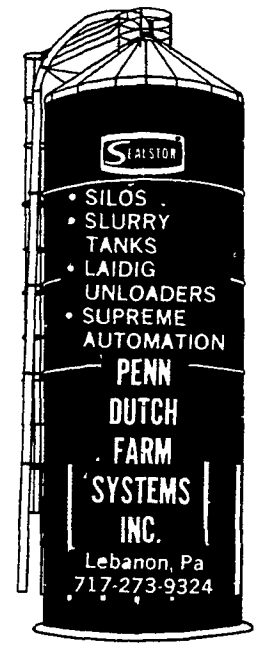

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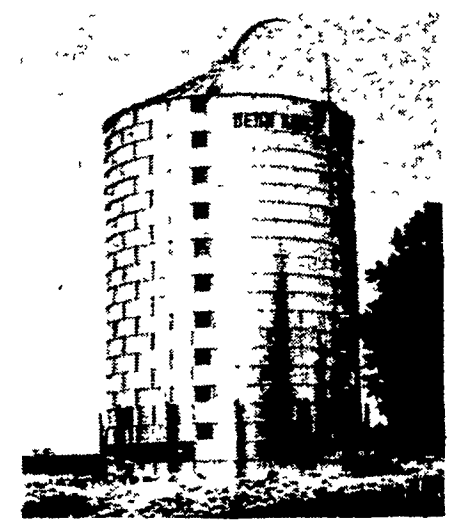

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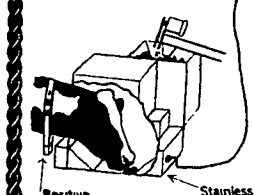

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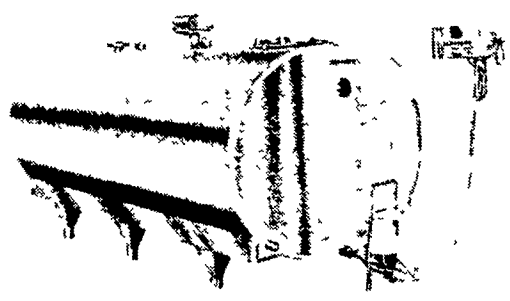

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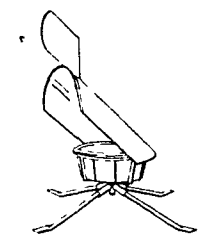

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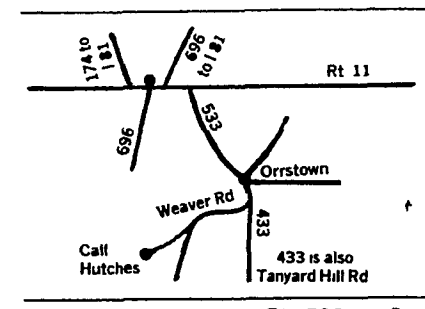

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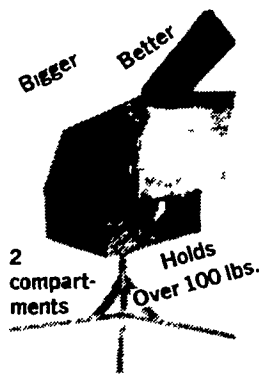

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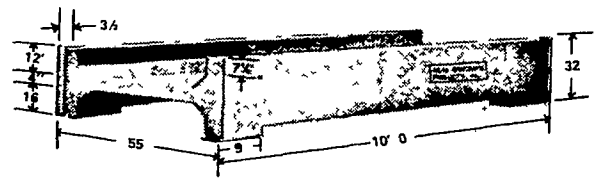

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For Sale - reg. polled Hereford 2 yr. old bull. Sire-JJJ HWJ Just A Banner. Gentle, proven. 717-326-0745 after 6 p m.

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Holstein heifers, fresh April, some Registered. Ear corn for sale 717-263-9091

For Sale - 11 well grown Registered Holstein heifers, 1 due April 3 June, 1 July, 6 in Aug. 2 Jet Stream, 2 Creek, 1 Marvex, 1 Gay, 1 Job and others. NEBA and Atlantic Breeding, good record Dams. Bucks Co. 215-257-4151

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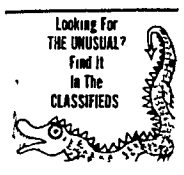

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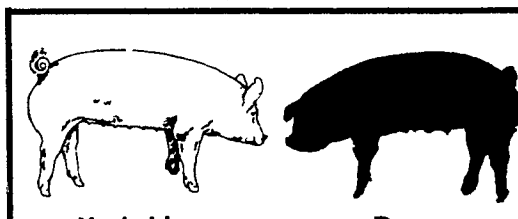
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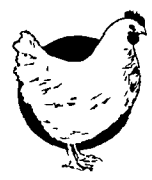

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For Sale - 1977 Chevy pickup truck 4 x 4 350 engine, new radial tires with chrome wheels, excellent cond 717-529-6531

1966 F-700 truck LN cab 16' bed grain body, telescoping hoist Air brakes Call 717-862-3809 after 6 P.M

For Sale - Steel wheels 16"x56" open center 215-683-5283

Truck fertilizer & lime spreader, 1972 900 Ford 477 Cu" motor 1975 L-20 hyd. New Leader spreader 13' long good condition. Call 301-374-9708. Between 8 AM and 5 PM

1971 Midwest grain body complete with hoist, pump, side extensions and bows. 215-723-3764 or 723-9858 ask for John.

TRUCKS & TRAILERS

1975 IH, 1600 Loadstar, 25,000 G V.M., 345 w/5x2 drive train, saddle tanks, new short block, no bed, $2,500, offers 717-395-3364

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1975 Ford L8000 tandem dump truck, 16' alum. bed, 56,000 GVW, 3208 Cat diesel, 13 sp , ps, very good condition, asking $18,200. Franklin Co. 717-532-7002

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Model R-686 ST-300 engine, 5 spd 4.17 ratio, dual tanks. All w/wet lines, sliding 5th wheel, some w/triple pumps. Price $24,500 discount to quantity buyers.

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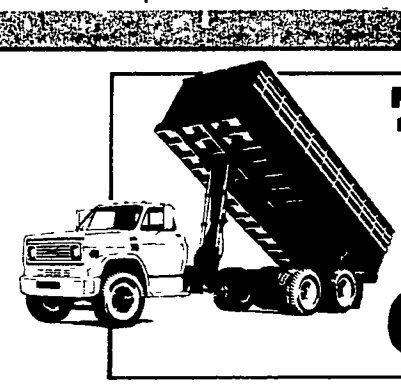

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1980 Ford F150 Ranger XLT, Short Bed, Step Side, 302 V8, 4 Speed, PS, PB, AM Radio, Lockout Hubs, Sliding Rear Window 28,000 Miles **$7495**

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1970 GMC Twin Screw Tractor, 8 Speed, Road Ranger with Splitter, Completely Majored 238 Dsl , with 40,000 Miles, 38,000 lb Rears, Exc. Condition . **$8,995**

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'81 IH 1754 Cab & Chassis
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For 16 ft. Body - 900x20 Tires

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'81 IH 1854 Cab & Chassis
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DT466 Diesel - 5 spd - 2 spd
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DT466 Diesel - 5 spd. - 2 spd
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9 spd - P/S - Radio
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89" Sleeper - NTC350 Cum. Eng.
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GMC

Medium & Heavy Duty Trucks

STK #764
'80 GMC C6D042 w/14' van body
V8 Eng - 4 spd. - 2 spd
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'81 GMC C7D042 Cab & Chassis
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Pwr Strg. - Pwr Brks.
Frame Rein. 27500 GVW

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'81 GMC C7D042 Cab & Chassis
For 18 ft. Body - 27500 GVW
Diesel Eng - 5 spd. - 2 spd
Pwr Strg AM Radio - 1000x20 Tires

STK #848
'81 GMC C6D042 Cab & Chassis
For 16 ft. Body - 23160 GVW
Diesel Eng - 5 spd - 2 spd.
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STK #949
'81 GMC C7D042 w/20' Rollback
V8 Gas Eng. - 5 spd. - 2 spd
Pwr Strg Pwr Brks - Radio
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'81 GMC J8C042 Cab & Chassis
For 20 ft. Body - 30000 GVW
Cat Diesel - 5 spd - 2 spd
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1971, L800, new engine and clutch, 3600 GVW, 16' steel dump grain body w/dual hydraulic cylinders. $6,500. Phone 609-652-8189 Atlantic County, NJ

IHC 1600 dump truck x8 dump. 215-767-5512 Lehigh Co.

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3 IH COF4070 tandem axle sleeper tractors Cum NTC 350 engine - 13 speed transmission 38,000 lb rears 1000x20 tires
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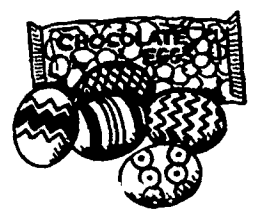
1975 Schultz mobile home 12x70, 2 bedroom, front kitchen, ready to move. Asking $4,500. 717-586-4061. Lackawanna Co.

Viking hard top pop-up camper for sale. CaLL 215-767-5512 Lehigh Co.



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Purebred collie pups $50 each Lancaster Co. 717-768-3772. No Sunday Calls.

Australian Shepherds, stockdogs, watchdogs and pets, reasonable. Call 814-623-2612.

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In litter lots-purebreds and half breeds. For resale in my pet shop. Cash money paid. Will pickup.

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CASH FOR PUPS

I need Purebred and extra cute mixed litter lots 6 to 8 weeks old Clean and healthy for resale as house pets Contact "Jo Jo The Dogman" at Roots Farmers Market, RD 1, Manheim, PA Every Tuesday 5 p m. to 8 p m (No Phone Calls)

HOUSEHOLD GOODS

HOUSEHOLD GOODS

PETS

Doberman and Rottweiler Wonderland, over 100 puppies and adults for sale. Champions at stud. 215-933-3600.

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

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For Sale - 300 new 1½" 4-bolt flange bearings; Seal Master SF-24 and McGill (Nyla-K line) #FC4-25. Under OEM cost. Aleg. Col NY. 716-593-5369 Before 7 A.M., after 5 P.M.

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Starline, Midnite, and Italian Packag Bees available April 16 and 17. Honey #60 lbs. $41.95. Phone 717-896-8637 evenings.

THIS YEAR'S HARVEST discusses the control of American agriculture by foreign investors purchasing choice farmland. For a copy of this shocking novel, send $3.00 plus 55 cents for postage and handling to Meadow Hill Books, P.O. Box 344, Sicklerville, N.J. 08081

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HOUSEHOLD GOODS

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For Sale - Large used Yorktown kitchen, includes built-in oven and counter-top stove. Good condition. 717-933-8432

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

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If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Farm Wanted - Will Owner Finance? Dependable family of 4 needs clean air imperative. 215-627-4444.

Wanted - rundown farm or land within 50 miles of King of Prussia. Include price, terms, tillable, taxes. Box 162, Cynwyd, PA 19004

FARM FOR SALE - Nice 58 acre farm in Juniata Co. reduced to sell. Call 717-527-4093

Central PA, near Middleburg, Snyder Co. 60 acre farm, 40 acres tillable, home and buildings very good condition. Owner will help finance. $145,000.

Lovely 3 yr. old bi-level on 10 acres, 3 bdrms., total electric, central air, 28x72 cow or horse barn, all excellent. $79,900.
Integrity Real Estate
717-837-2358

Modern dairy farm in Indiana Co. 294 acres, two Harvestore silos milking parlor. Ronald Jacob. 412-479-2683

REAL ESTATE

For Rent - 4 room house, middle aged couple, nice yard and parking. Neffsville, Lancaster Co, 717-569-1170.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Tioga County 55 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

Nice level 185 acre modern hog farm and grain storage, Huntingdon Co. Priced to sell. 25% down, balance financed at 10%. 814-447-3725

HUNTINGTON CO.
168 acre farm with nice 8 rm. and bath home, bank barn, lg. workshop, farrowing house, lg. cave, approx. 60 acres of timber, farm borders creek, has hard road frontage, conservation plan in use, many other extras, $170,000.

WOODLAND
50 acres ridge land, approx. 25 acres hardwood, balance pine fields, spring water, nice view, twp. road frontage, $38,500.

Colonial Real Estate Agency
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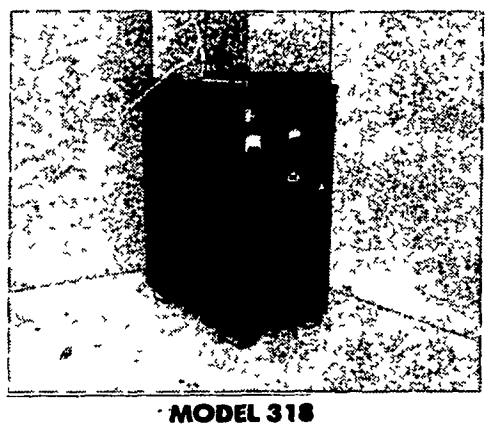

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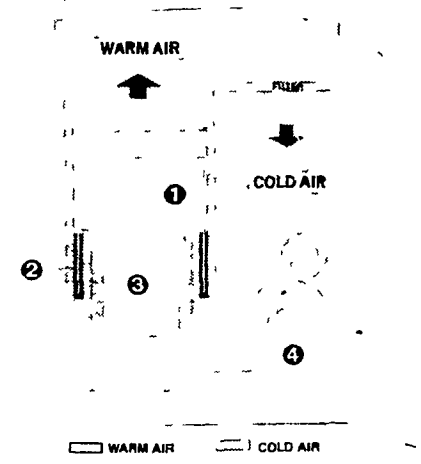

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Call for Sales 717-738-2138
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Farmlands ¼ to 30 acres, water, barns available, talk any deals Share, trade, etc. 215-942-2412

Edinburgh, VA 113 acres top producing farm in operation, house excellent, feed & storage barn, silos, machine sheds, hog house, 3 ponds & well, scenic view w/stream, long road frontage in Shenendoah Valley & 1 mile from I-81. Will finance. Lawrence & Elaine Wilking. Phone evenings 703-984-4883

For Sale - 133 A dairy farm, 95 A tillable. large house, barns, lake & pond on property. York County Delta Area 717-394-6334

For Sale - 2 BR house w/seperate garage located in historic Acadamia Priced to sell. Call 717-527-2486 if no answer 717-527-4819

Farm for rent - Bedford Co , 187 acres, 87 tillable, additional acreage available, 7 room frame house, barn for 40 head cows, loose housing, heifer sheds, 18x55 silo w/unloader, 500 gallon bulk tank, pipeline milker, vacuum pump, available immediately. 301-384-9060 anytime

Lycoming Co Farms - 135 acre 70 cow dairy farm, 120 acre heifer or beef Terms at 10% M L Messner, 717-324-2841

Cambria Co , North Ebensburgh Dairy Farm- 118 acres tillable, tile drained, over 1 mi rd frontage on 2 sides, bank barn, with 2 Harvestores and silo, milk house Two 2 story, 3 bedrm homes, cottage, garages and other outbuildings. All in sound condition Former retail dairy business. Best location in area. $180,000 Additional acreage available Also, 70 acre crop farm for sale. Gresh Real Estate 814-266-3129 or 814-467-7103

For Sale - 133 A dairy farm, 95 A tillable. large house, barns, lake & pond on property. York County Delta Area 717-394-6334

87 acres, 65 tillable. Farm house, pond, garage. Schuylkill Co No brokers. 717-385-2656

Wanted to buy - approx. 10 acres of farm land for farming 215-267-7497

162 acre farm - 15 miles from Lewisburg and Danville - 1810 Limestone Farm House - Bank barn and other buildings - beautifully located with stream - 30 acres woodland - 106 tillable - 26 pasture - family home of prominent local family - deeds go back to 1769. $325,000. Villager Realty 717-523-3244

Tioga County
19 acres both open and wooded, drilled well, septic system and electric on property Quiet, rural area; excellent site for home or mobile home. Priced to sell at $17,900

65 acres mountain land about ⅔ wooded, balance open, small pond and stream. $20,000

11 acres mountain land; open and wooded with small brook $7,900
UNITED FARM AGENCY OF PA. INC.
REAL ESTATE
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Finger Lakes - New York State - Yates County farm of 260 tillable acres, good corn and alfalfa land, dairy barn, 52 comfort stalls, DeLaval pipeline, 2 silos, heifer barn and silo, Butler tool shed, modern 10 room home, good milk market in schools, buildings in very good cond , owner 716-554-3487

45 acre farm for sale in Manheim area. 4 bedrooms, 1½ baths, kitchen, dining, living room with fireplace Oil heat. Barn and other farm buildings Will finance and subdivide. Lancaster County. 717-665-5741

REAL ESTATE

Farm For Sale - 92 acres in Union Co. Rt. 304, Dry Valley Crossroads. 4 miles East of New Berlin, Winfield, Pa 50 acres tillable, 20 pasture, balance in woodland, bank barn, 12x40 silo, all outbuildings, stone house in good shape, well, spring water in pasture, pond. Would sell in two parcels or one. Will be sold by open bids, reserve rights to accept or reject any bids. Bids will be accepted from April 1st till April 15. Isaac J. Yoder, Winfield, Pa. 17889

80 acre farm - land adjoined Codorus State Park Lands 2 story farm house, barn, stream, good farmland, secluded setting. Ony 6 mi to Hanover, PA. $2100 per acre includes buildings, total $168,000. Bathon Real Estate, Inc. 717-229-2172 or 229-2258 Ask for Georgia Bathon.

82 acre farm in Loganton, PA Sugar Valley, Clinton Co Financing available. 717-725-3461

For Rent - 57 acres of good meadow range in Lebanon County, good fences and feed lot and large silo. 717-569-0416

6 acre farmette, great for horse farm or truck farming, $53,900 More land available. Southern York County 717-244-8396

DAIRY FARM, 49 stanchions, north-east of Myerstown Berks County, with 85 acres for $180,000 Call (215) 678-8274

Cambria Co , Ebensburg area (near Loretto). Chalet home with cathedral ceiling, fireplace, wrap around deck and scenic view of Christine farmland on all sides. 3 bedrooms, brick and cedar, only 4 yrs old situated on 3 landscaped acres, postcard setting. Outbuildings $88,500 Additional land and commercial garage available Gresh Real Estate Johnstown, PA 814-266-3129 or 467-7103

For Sale by owner - Jefferson Co , NY. 309 acre dairy farm, 260 acres tillable, 103 stall barn, S S pipeline, 1000 gal. tank, barn cleaner, 18x60 and 16x50 silos, heifer barn, machinery shed, 4 bedrooms and bath home, hookup for mobile home. $215,000 $35,000 down Clair Gordon, Rt 1 Box 330, Watertown, NY 13601 315-788-6205

For Rent - 300A. fertile crop land near Willow Hill, Franklin Co. Sealed bids to be submitted by 4/20/82. Terms - ½ of bid at lease execution, no later than 5/1/82, balance prior to crop harvest or 11/1/82, whichever occurs first. Right is reserved to reject any/all bids. For further info, contact Mr Smith 717-263-3315

Beautiful 7½+ acre Cambria county farm 2½ story frame house, all conveniences, some furnishings, small barn other outbuildings, some stock mostly fenced some woods, private not isolated. Priced $52,000. Owner Jerome Mullinix, more information Phone 814-687-4471

120 A farm w/option to buy 20 acre orchard Level productive soil "no rocks". Large supply of water for irrigation Large bank barn. Recently covered w/siding, 3 BR, 2 bath - all convenineces. Double wide mobile home for 2nd home. Sales agreement possible. Call 717-249-1165. After 5

For Sale by owner - 485 acre dairy farm with 200 dairy cow complex, 10 yrs. old, double 8 parlor, 2000 gal bulk tank, 20x80 Harvestore, manure lagoon, 5 yr. old 3 bedroom home plus 4 other barns, 2 other homes, owner financing. 292 acres additional land for rent. 607-525-6214

REAL ESTATE

Wanted to rent - dairy farm w/house in Tioga Co w/or without option to bu , prefer tie stalls for 45-50 head, young couple 215-795-2281. Bucks Co.

For Sale - 110 acre farm Lykens Valley Dauphin Co. 717-362-9233

Cash crop farms - several located between Batavia and Lyndoville, in Western New York. $600 - 1200 per acre with buildings. Private financing to qualified parties at 10% interest. For details contact Willard Pengelly,/Harris Wilcox Inc., Brokers, 716-494-1880

For Sale - ATTENTION HUNTERS - 3-4 bedroom mobile home completely carpeted with added-on family room with wood stove, sliding glass doors, exc. condition. Located in Tioga Co. (Arnot, Pa) near a lot of State Game Lands. $19,000. 717-638-2733 before 3 or after 5. Raymond Harding, Arnot, PA 16911

355 acre dairy farm, 175 tillable, balance is pasture and woods, now on operating dairy farm for 105 cows plus calves, 2 dairy barns, on main highway, outside of city, lots of road frontage, 12 room 2 family house in beautiful condition, 30 miles northeast of Binghampton. 607-832-4475 evenings.

FOR SALE - 11 acre farm Renovated log home Good condition. 2 year old 25'x66' farrowing house set for 20 sows. Nursery 32'x32' finishing house. All equipment. 2 underground holding tanks Numerous out-buildings Located northeast of Bethel. Just listed. $97,000 Call Jason Rutter or Kathy Pence at Derry Realty Co (717) 273-9351

Adams Co. Dairy & layer Farm large Brick 6 bedroom home. Dairy barn Silo 22,400 bird layer house $310,000 Will sell separate layer house 20 acres $110,000. Dairy operation 70 acres $175,000. H-3162 Rodgers 717-632-6400. and 632-3468 KEY REAL ESTATE

York & Adams Co. Dairy Farm, 50 comfort stalls, 2 silos, gutter cleaner, pipeline, bulk tank workshop, Heifer barn, garage, 7 bedroom stone home, pond 75 Acres H 3818 Rodgers 717-632-6400 or 632-3468 KEY REAL ESTATE

New Listing - 65 acre farm with 4 BR house, large bank barn, other buildings high elevation, w/gentle slope, ideal for fruit, crops, or livestock. Stream through property, substantial amount of road frontage. KEY REAL ESTATE 717-334-8144

New York State - 200 A 58 stall, Oneida County dairy farm. 100 tillable, silo, comfortable, 5 bedroom $80,000 Neat 230 A beef farm, pleasant 4 bedroom home $78,000, town of Ava. 138 A town of Highmarket, old house, barn down, $25,000. Moonans Real Estate, Boonville 315-942-4824

Bedford County, 65 acre farm, 2015' road frontage, 400' lane, 3 bedroom frame house, partially remodeled, 40x60' bank barn w/new 12" block wall, other outbuildings, 40 acres tillble, rest pasture, country setting yet only 2 miles from town, $1500 per acre. 814-623-6004

LAND FOR SALE - 285 acres, $600 per acre, 215 tillable, Cohochton River Valley, gravel soil, Rt. 415, Wallace, NY. Contact Lynn Hughes 607-566-2548

For Sale - Perry County woodland lots 1 to 8 acres, percked and approved. 717-438-3115

Urgently seeking a dairy farm to rent in Franklin County. Phone 301-797-6460

REAL ESTATE

For Sale - 8 room house, one acre land, Susq. Co., Springville Twp. 717-289-4264

Rent large bank barn, Shoemakersville, PA Equipment shed, two large corn cribs, ten acres land pond horses and/or warehouse, many uses $290/month. 215-926-4410

MODERN HOG OPERATION! 69 acres-level-includes fabulous 4 bedroom farm house, call for details. BAUGHMAN REALTORS 717/741-4671 or 717/78623869 (2000598)

For Sale - Potter Co. 50 acres w/cabin, 2 car garage, spring electric, stream through, mostly wooded, secluded but easy access, exc. hunting, surrounded by Hammermill Paper Co. Grounds. 814-544-7352

For Sale - 1 acre commercial ground located along Rts. 11-15 in Juniata County, low taxes 717-444-3996

REAL ESTATE

YORK CO near I-83 exit 12-tract, 64 acres, ½ woods with stream, $1500 per acre. Financing available. 717-266-2867

330 acre farm, Southern Tier, NY, 70 cow barn plus 2 others, 70' Harvestore plus 3 others, other outbuildings, exceptionally nice house, $255,000. 607-849-6097.

FAMILY FARM NEEDS FAMILY: Operating dairy farm north of Cooperstown. Approximately 300 acres, 200 tillable, level, good alfalfa soil. 50 cow conventional barn, 2" pipeline, 700 gallon bulk tank, 2 concrete silos, heifer barn, machine shed, 7 room farmhouse, maple shaded lawn, woodlot and 10 acres locust and Christmas trees. CHARLES GIBSON, RD 1, Jordanville, New York, 13361, (315) 858-1528

For Sale - Approx. 37 ac. of mountainland; Fulton Co., PA Call after 5.30 P.M. 717-485-5543

CENTRAL NEW YORK

Exceptional 240 acre valley dairy farm, 175 acres tillable, 80 V tie stall barn, 3 silos, 2 creeks, heifer facilities, 11 rm. house with 2 baths, exc. land, buildings, location and milk market. Top notch condition. Will sell bare or stocked and equipped.

Call owner-
315-495-6560

NEW YORK DAIRY FARM

#318 - New Listing! 160 acres of flatland, no stone, good corn and alfalfa. 55 cow two story barn, pipeline. Good 4 bedroom home. Bldgs. on same side of road. Good milk markets. Price $133,000.

Send for Free Farm List!

POSSON REALTY
R.D. #3
Norwich, N.Y. 13815
(607) 334-9727

CENTRAL PENNSYLVANIA FARMS
TWO OWNER FINANCED

RIVERBOTTOM FARM - 1812 STONE HOUSE
MIFFLIN COUNTY - McVeytown Area - 430 ac +/-, 160 ac till Class I and Class II, well-drained riverbottom and limestone ground House needs restoration Barn not eqd for dairy Peaceful location end twp rd , with 1 mi frontage Juniata River Fields average 1/2 mi long Terms and price negotiable at FLB mtg rate with 10% down OWNER WILL SUBDIVIDE Asking $1,000 per acre for entire package

LIMESTONE GROUND - STONE HOUSE
HUNTINGDON COUNTY - 15 mi from State College - Beautifully restored 3BR stone house, plus 4-room all-elec apt Abundant spring water, second spring, streams, farm pond, 100 till acres (predominantly Hagerstown), 30 ac pasture, with barn $260,000 $75,000 down, $185,000 at 12% at $2,220 32 per mo for 15 yrs Balloon 8 yrs Owner will subdivide house, barn, and 17 acres for $139,500

HUNTINGDON COUNTY - Shirley Township - 250 acres, more or less, 40+/- till , 60 pasture, bal wood Stone house, dairy barn, restaurant and other buildings 50 free stalls and milk parlor Commercial highway frontage, near community of 6,000 $295,000 including the restaurant OWNER WILL SUBDIVIDE

HUNTINGDON COUNTY, Shirley Township - OPERATING DAIRY FARM - 3+ mi from previous farm 150 acres 50+/- till , 75 pasture, 25 woodland Large barn, 50 free stalls, house, and other outbuildings $175,000 Owner financing to approved buyer

RAYSTOWN COUNTY - 1 mi from Shy Beaver Access Dock - 165 acres, 50 ac till Excellent water supply 4 BR home, barn, near pond, away from highway Excellent subdivision and commercial possibilities New Listing at $165,000

Call
Tri-County Real Estate Agency, Inc.
Huntingdon, Pa., (814) 643-5010,
or (814) 643-1309, or (814) 643-4882.

REAL ESTATE

REAL ESTATE

DAIRY FARM FOR RENT
CORTLAND COUNTY, N.Y.

315 acres, 185 tillable, 72 cow tie stall barn, w/cleaner, 2" pipeline, 800 gal. tank, mow conveyor, 2 silos, room for heifers, good 3 bdr home Farm located 3 miles off Rt 81, Marathon Exit Asking $1500 per month, negotiable to good farmer Leasee will have first option to purchase
Call evenings 7 P.M.
Fred R. Daniel 201-369-4784

FARM

315 acres, northern Penna., remodeled house, stream, 2 ponds, pasture, woods, bottomland, fishing, hunting.

Will finance, low interest.

Call 517-349-3330

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

CENTRAL NEW YORK OFFICE

INCLUDES 100 HOLSTEINS with 50 milking, 4 tractors plus JD 440 crawler, and outstanding complete line of machinery 185 acre Mohawk Valley farm has 160 tillable and 100 acres in alfalfa Century old Colonial home in very good condition has box beam ceilings in modern kitchen Barn also very good & features 54 stalls, Patz cleaners to new spreader room with calf area, 40x50 calf wing with 18 cow-sized stalls, 3000 bu grain bin New 40x80 machine shed 20x40 shop JUST LISTED AND PRICED COMPLETE AT $253,000 with terms possible

"THE MOST URGENT OF SALES" this farm must be seen within the next few days or it will be foreclosed upon 350 acres, 220 tillable Well-maintained land with some flats Another 550 acres available in area Barn has 50 stanchions and 36 free stalls, Surge pipeline, 20x45 and 30x50 silos w/unloaders, 1000 gallon tank, new Clay cleaner Silos feed indoors or out Nice colonial home with aluminum siding and modern kitchen Trailer hook-up JUST LISTED FOR FEW DAYS ONLY AT $169,000 WITH $15,000 DOWN Qualified buyer must have cattle & machinery CALL SLOANSVILLE HEADQUARTERS 518-875 6355

SOUTHERN NEW YORK OFFICE

FRESH ON THE MARKET! 193 acres with 80 tillable, 55 pasture and 65 wooded 250 tree Maple sugarbush Barn has 24 stalls, 2 silos 2 henhouses Early American home has been partially remodeled and has oil furnace with wood backup, plank floors Ideal for horses, beef or sheep JUST LISTED! $75,000 CALL WIMPLE'S TRUMANSBURG OFFICE 607-387-9303

ST. LAWRENCE VALLEY OFFICE

"CAN'T BEAT THE TERMS" on this complete 450 acre farm, located in our #1 dairy county Barn is in very good condition and has 54 stalls on 2" Boumatic pipeline, cleaner, mow elevator, 20x60 & 14x44 silos w/unloaders Heifer barn has 22 ties Nice 8 room owner home Also remodeled tenant house INCLUDES 44 Holstein milkers, 23 Y S , 3 J D tractors and complete line of machinery ANXIOUS OWNER ASKS $245,000 WITH ONLY $25,000 DOWN WILL DICKER!

STARTER FARM...ONLY $8000 DOWN and owner holding mortgage 109 acres at end of a lane with stream through Early American home with brick lining, oil furnace Large barn shipped milk in 1979, has 28 stalls, 12x48 concrete silo, nice milk room Bring your checkbook $49,500
CALL WIMPLE'S GOUVERNEUR OFFICE 315 287-4163

WIMPLE REALTORS HEADQUARTERS,
SLOANSVILLE, N.Y. FREE DAIRY CATALOGUES

REAL ESTATE

For Rent - 20 acres tillable land near Middleburg, Snyder Co. 717-464-2528

FOR SALE - 25 acre farm near Hamlin. 2½ story frame home needs renovating. Most acreage tillable. Owner financing. $22,000 down, 10% interest. $537.30 mo. pmt. 15 year term. Call Jason Rutter or Ted Hummel at Derry Realty Co., (717) 273-9351

For rent - Grade A dairy farm, Shenandoah Valley, VA, 161 acres, creek through, milk parlor w/tank, immediate possession. 804-685-7423

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF-4, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, Pa. 15044.

BRING YOUR CHECK BOOK!
Beautiful farm in southern Pa.; handy to I-70 and Pa. Turnpike; 78-acres; 7-room & bath home; new stone fireplace; good barn 40x60; other buildings; A-1 hunting; sale includes furnishing & equipment. No 5816-Z. WEST REAL ESTATE AGENCY, INC., Office: R.D. #1, Newburg, PA 17240, Phone: (717) 423-5508

LAND SALE
Near Mansfield, Pa. college town, 118 acres mixed fields & woods; 950' road frontage; A-1 deer hunting, bargain priced at only $45,000. No. 7874½. WEST REAL ESTATE AGENCY, INC., Office: 12 Canton Street, Troy, Pa. 16947, Phone: (717) 297-4046 or 297-2777.

For Sale on Open Bids till May - Small 52 A farm w/a large bank barn and large stone house w/porches w/8 acres tillable and 44 acres wooded along State Route 11 and 15, 35 miles north of Harrisburg, PA or 1st house north of Dutch Kitchen Restaurant. Jake Lengacker, Route 1, Box 77, Port Trevorton, PA 17864.

95 tillable acres for sale near Millmont PA lime stone soil, borders large stream, 22 acres pasture, farm in high state of cultivation. 717-922-1410

Poultry hog operation. Rural Bird-In-Hand area. 11,600 cage layers. Bank barn with improvements and large shop. Two-story Amish farm house, 3 2 acres. $125,000 - financing available to qualified buyers at 13¼% w/40 yr. term. The government reserves the right to reject any or all offers. This property will be sold without regard to race, creed, color, sex. age, marital status, or national origin. Contact FmHA, 1383 Arcadia Road, Lancaster, PA 17602 (717) 393-4760

REAL ESTATE

NEW YORK - UPSTATE FINGER LAKES REGION

90 acre grape farm, with full equipment line, 3 houses, large shop & 2 ponds. Gravel loam, good mix of white & red wine grapes. Ideal winery site. #4 C

120 acre beef farm with modern, remodeled house, pole barn and cattle barn. Excellent soil and slope, ideal for grape farm #5 C

187 acre dairy farm with large free stall barn, 2 silos, new 3 bedroom ranch home #8 C

Approximately 125 acres with 65 acres commercial woods. Possible dairy/beef/poultry or cash crop. Spacious older home, possible apartment rental. Includes 30 x 70 barn. #10 C

BUCKY LANE REAL ESTATE
201 ELM STREET
PENN YAN, NEW YORK 14527

PENNA. FARMS
HUNTINGDON CO.

38 ACRE FARMETTE, 9 room frame dwelling, barn, 2 car garage, pond and road frontage. Price adjusted to $80,000 with owner financing.

172 A. GENERAL Modern 7 room house, barn, pond, 2 streams, excellent hunting area. Priced to sell @ $100,000.

Call for additional information on farms in this area.

CUMBERLAND COUNTY

113 ACRE DAIRY - 41 tie stalls, manure pit with loader, 525 gal. bulk tank, silos, and horse barn, 9 room stone dwelling with 3 fireplaces.

80 A. HOG AND BEEF FARM, level murrill soil, all open land, frame house, bank barn, implement storage, road frontage with beautiful setting.

82 A. OPEN LAND - Murill Soil

"NO OBLIGATION APPRAISAL"

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

135 Tillable Acres m/l, with 8 acres of pasture and stream, stone home and barn, beautiful setting, all in one square block $339,000

Plus...

Heifer barn, 7 acres of pasture and stream for an additional $35,000

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

REAL ESTATE

CENTRAL PA FARM & LAND PARCELS

New Listing
Centre Co.

123 acre farm. (45A, tillable, 32 acre pasture, 44 A wooded) 2-story frame house. Pole bldg. & several outbuildings, small stream, near Yarnell. $119,500.

Over 35 listings including operating farms, farmettes, rural land and recreational land. Call or write for a free list. **Watch for complete farm inventory ad next week or refer to last weeks edition.**

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705 (Lewisburg) Larry W Flat (717) 568-5563
Don Myers (814) 422-8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6636 (Huntingdon) Rachel Port (814) 668-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J. Kissinger, Realtor
William H Leonard, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

NORTHUMBERLAND COUNTY - 57 Acre farm features 3 bdrm alum sided home w/fireplace; 40 pen farrowing house; bank barn w/4 horse stalls. 45 acres tillable within 1 mile of Exit #33 of I-80. $115,000

MONTOUR COUNTY - 51 acre farm featuring 3 bdrm alum. sided home plus family room addition w/fireplace; patio doors; 1 3/4 baths. Bank barn; 1 acre pond; fenced pasture. Picturesque setting - $159,500 or with 10 acres - $95,000

UNION COUNTY — Cottage or modest home situated on the bank of Penns Creek, Lewis Township near Milmont. Good trout fishing; deer, turkey hunting. An ideal place to enjoy all types of recreation!!! $34,000

THE FAIRMAN AGENCY, Realtors
210 Main Street
Watsontown, PA 17777
Phone: (717) 538-2582
After hours: Walter B. Fairman, A.R.E.B.
Phone: (717) 649-5588

FARMS & LAND

Juniata County. 240 acre dairy, over ½ tillable Ready to go Great financing available $315,000

F1-31 Perry Co general farm, 171 acres 90 acres tillable, 2 story stone home which you must see to fully appreciate Spring This is a beautiful farm, good soils, owner financing on one half $249,000

F1-26 Perry Co general farm, 180 acres, 90 tillable Long, wide field easy to work, suitable for long landing strip Reduced to $199,000

L0-77 Wooded tracts in Juniata Co 20 acre parcels @ $770/acre 10 acre parcels @/$1200 & up per acre Road & utilities in Possible owner financing

F1-02 103 acre run down farm, log house, approx 20 acres tillable, excellent hunting area $69,000

F1-58B Montour Co Danville Bloomsburg area 53 3 acre general farm with good barn, 4 bedroom remodeled farm house $100,000 Call 784 4545

Other Farms Also Available

Bowen Agency inc.
REALTORS®
22 North Market St.
Selinsgrove, PA
"PHOTOS BY WIRE"
717-374-2165
Evenings call Realtor Assoc

Phil Graybill, GRI
Snyder/Union
717-374-8038

Don Bashore
Juniata/Perry
717-436-9213

REAL ESTATE

Buy or rent with option to buy
4 BR home, large barn, garage, sheds, 5 A pasture, 5A tillable, 10 A wooded Your choice 10 or 20 A $49,000 or $59,000. Rent reduced Immediate possession

Amish neighbors - 130 acres, 60 tillable, 30 pasture, balance wooded, 8 room home, extra large bank barn, 10x50 & 16x50 silo, grain storage, 32x80 barn $150,000.

28 Stanchion Dairy Barn plus heifer barn, silo, no house. 4¾ acres, $29,000. More acreage avail. May be rented with option to buy. Located in Lavell

Likens Valley Farm 100 Acres, 90 tillable, nice home, possible terms. 10% down 12% interest. $250,000

4 - 400 - 500 A farms, 200 - 400 A tillable Grain, beef or vegetable operations Lg grain storage $1500 to $2000 per ace Amish neighbor within 3 miles of one of these.

62± acre general farm, private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable, 15 pasture, 10 wooded Possible owner financing, 25% down, 12% interest, $79,000.

Plain Acreage
49 acres secluded but near I-81 15 tillable, balance wooded, some timber, excellent deer hunting, possible terms at 12% interest $39,000

PETER B.
CORTELYOU
Real Estate Herndon, PA 17830
717-758-9177

BEDFORD CO.

Bottomland Farm Special - 283 level acres, suitable for beef, horses or crops No barn. Restorable house. (120-L)

Hobby Farm? - lg. bunk barn, can accommodate 75-100 beef cattle - ideal for horses too. Well. Stream. $37,500. (118-L)

Highly Productive - 65 level acres. Bordering stream. $69,900 (122-L)

140 acres - of good farmland. 90 acres tillable, 50 wooded, $140,000 (259-L)

BLAIR CO.

Fertile Farm - 175 acres, mostly tillable. lg. barn with 31 stanchions. 4 bedroom home, 4 springs. Good stream $199,000. (123-L)

HUNTINGDON CO.

Prime Location - 96 acres. 40x100 dairy barn with 46 tie stalls, bulk tank, 18x60 silo w/unloader. Good milk market. 5 bedroom home. Stream $175,000. (124-L)

Spiral Stairwell - in this 4 bedroom chalet w/fireplace & deck. Completely furnished. Bunny Hop Ski Slope Blue Knob. (116-5)

Chalet - w/basement apartment, 4 bedroom plus fireplace. Furnishes included. Lot 100x300. Few minutes from Blue Knob Ski area. (128-5)

Blue Knob Ski Area - 5 minutes from this 3 bedroom split entry w/wood burner & deck, landscape lot. Assumeable mortgage, $53,000. (188-4)

Camp - Raystown Lake Area. River frontage. Good hunting & fishing. $17,960 (189-5)

Sportmen's Delight - Raystown Lake Area. River frontage. Cedar wood cottage w/fireplace, $33,900 (155-5)

Century 21®
Zane Heisel Real Estate Inc.
407 Logan Blvd. Lakemont
Altoona, PA 16602
814-946-1215
Independently Owned

REAL ESTATE

For Sale - Beautiful Valley farm of 270 acres, 255 tillable. Good corn and alfalfa land. Barn 200x36, 93 stanchions, hayloft, two houses, can be sold with one house. Leave Southern tier expressway at Exit 59, 1½ miles to farm, east through Chemung. Leon and Glen Simkin, owners, Box 21 Chemung, N.Y 607-529-3571 or 529-3359

American Farm and Investment Digest

FREE Catalog of 1000's of farms businesses & retirement properties
Catalog #56
Get yours TODAY!
American Farm Digest
3546 Watson Rd.
St. Louis, MO 63139
1-800-325-9943

FARM FOR SALE

105 acres All tillable Includes house, barn, silo Delta, PA (York Co south of Rt 372)
Owner
305-781-1760
216-221 9090

BERKS CO.
70 Acres
12½% Financing

Barn orchard, native woods, Kempton area $2000 per acre

Thomas W. Van Duren, Realtor
215-756-6318
M.L.S.

WANNA TRADE?

Your farm for high grossing motel in New Holland area.

Call (717) 354-4377

42 acres with modern 100,000 broiler setup Near Shippensburg

15 acre Farmette, near Middletown

77 acres with house and barn in Path Valley

Other Farms
VanCleve Real Estate
717-392-3032

FARM FOR SALE
Owner Financing

178 acre dairy/cattle farm, 100 til acres, 5 bedroom Colonial Manor house, 14% financing, only 10% down

Please call
Debbie Moxley
301-836-2373/ 734-6477

BERKS CO.
12½% Financing

122 acres Albany Twp productive orchard with substantial income potential, beautiful setting native woods and tillable fields $2000 per acre

Thomas W. Van Duren, Realtor
215-756-6318
M.L.S.

REAL ESTATE

FRANKLIN COUNTY

★ 150 Acre Dairy Farm with modern 3 bedroom Rancher mostly Berks soil, 110 tillable, 8 tie stall milking parlor with 50+ free stalls, DeLaval pipeline milkers & auto. washers, tank in large block milkhouse - owner financing, $240,000
★ Other farms available.

Smith & Assoc. Real Estate/ Better Homes & Gardens
247 L.W.E., Chambersburg, PA. 17201
717-264-4300
★ Call J. Rodger Wildeson, Farm Salesman - 717-263-5702 or 264-4298

BERKS COUNTY
60 cow dairy-pipeline-stream-silos. Ready to go. **Do It Now**

CUMBERLAND COUNTY
2 farmettes - Newville area #1 13 acre modern ranch home, $63,500; #2 10 acre nice 2 story, $49,900

FULTON COUNTY
97 acre campsites and Grist Mill. Owner financing.

YORK COUNTY
45 acre hog farm, 1200 hogs, only 3 years old

DAUPHIN COUNTY
220 acre broiler and beef farm

Call on this and many other farms available for this season. Several with very good terms.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717 776-3967
Harlan Keener, Willow Street, 717 464 2669
Mahlon Oberholtzer, Lancaster, 717 392 1177

Broker J Irvin Denlinger
717 898 8962

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY
33 acres secluded, 20 wooded, no buildings, stream Call Mr Niesley

JUNIATA COUNTY
144 acre general, newly remodeled 2 story frame house and other buildings, 2 streams. Call Mr Benner

31 acre farmette. Remodeled 2 story frame house, small barn and other buildings Stream Call Mr Benner

PERRY COUNTY
109 acres woodland. Call Mr Orris

96 acre general - 2 story frame house, bank barn and other buildings. Call Mr. Bitting

40 acres land, 17 wooded, 1300' road frontage Call Mr Benner

1¼ acre mtn. lot. Hunting, fishing, snowmobiling & skiing within walking distance Call Mr Bitting.

SNYDER COUNTY
21 acres wooded land, 1500' frontage Call Mr Benner

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE

N.E. MO FARMS

300 acres, 180 tillable, good house and several other good buildings. This is a good combination farm. $650 per acre.

Several other farms for sale with this year's possession.

Robert Owen, Salesman
Kaloka, Mo 63445
PH. 816-727-2070

DON HARRISON, REAL ESTATE
Eina, MO

FARM FOR SALE

37 acre hog farm w/100 sow capacity farrowing unit house, historic stone farm house, bank barn, several other storage barns and shed Possible owner financing Located within 40 minutes of downtown Wilmington, DE, and 45 minutes of Lancaster in Southern Lancaster Co

If interested contact:
Lancaster Production Credit
R.D. 1 Box 27A
Quarryville, PA 17566

FINANCING AVAILABLE ON MANY FARMS

North Lancaster Co
32 ac stream pond barn good shop old 5 BR home needs renovations 2800 of frontage $84 900

Juniata Co
160 ac near Rt 35 good dairy heifer equip storage 20x60 16x50 silos lov home $285 000
150 ac good bldgs pond good cropper exc water fine home secluded $190 000
100 ac dairy produce trade frontage fantastic setting brick home Farmer s farm $149 900
38 stalls silo cleaner starter dairy FHA transferable mortgage $155 000
5 ac near Rt 322 farm and shop bldgs house $53 900

Franklin Co
94 ac dairy stone home Amish farm good cropper possible transferable mortgage $155 000

Boyertown Area
60 ac level 38 stalls plus freestalls silo lg beautiful stone home frontage $270 000

York Co
51 ac quiet setting pond stream nice farm bldgs $145,500
135 ac high yield grain farm bldgs stone home 8 5% money $329 900

Northumberland Co
128 ac dairy, limestone 58 stalls 800 gal tank silos cribs good house $200 000
112 ac dairy barn needs updating silo pond stream lov home valley setting, $195 000
100 ac ex bldgs lg home 14x60 silo limestone near Rt 147 $225 000
Same loc as above 105 ac steer setup no house $133 000
10 ac veal setup orchard near Rt 225 $50 000

Adams Co
114 ac outstanding stone home pond poss dairy low int own fin $227 000

Cumberland Co
Sm nice going dairy setup more ground avail to rent real oppor $157 500

Bradford Co
$120 000 buys 62 stall 2 silo dairy setup extra rented land avail Sm neat home

Montour Co
108 ac sm down payment low int stream poss beef cows/calf etc Very secluded but near I 80 in the $90 s

Huntingdon Co
178 Ac near Raystown Lake $1100 per ac

Snyder Co
103 Ac including operating apple orchard w/storage pond stream much more Rt 235 $275 000
28 Ac Gen nice setting all till fin $69 000
18 Ac off Rt 104 stream barn 2 story good home move in condition Mennonite neighbors $68 000

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Leola 717-656-6717
REALTOR

REAL ESTATE

Attention Hog Farmers

We have just listed one of NYS finest hog operations, 300 plus sows, 141 acres, 4 buildings for each part of the operation, feed mixmill and good 8 room home, complete operation stocked and equipped for $375,000.

We have a video recorder and we'll come to you to show pictures of this farm.

ray cooley
QUALITY REAL ESTATE

607-334-9456

NORTHCENTRAL PA. FARMS & INVESTMENTS
Priced To Sell — Priced To Sell

SPRING AND IMMEDIATE POSSESSION

157 ACRE DAIRY FARM - 46 stalls, pipeline, etc. large house. Priced at $170,000 W-605. PH: 717-724-5921

28 ACRE FARMETTE - 2-30x100 and one 32x46 buildings, beautiful home potential beef, veal, hog, chicken farm. W-570 Priced $84,500 PH: 717-724-5921

172 ACRE DAIRY FARM - 48 stalls, large home, liquid manure system, possible FmHA financing. $125,000 W-613 PH: 717-724-5921

97 ACRE FARMETTE - garage, shed, nice home, exc. area. $87,500 W-619 PH: 717-724-5921

BEAUTIFUL RECREATION - hunting area with year round access. Presently beef farm with excellent buildings and all cross fenced. Side access on township road. Approximate 19 acres separate. Priced $162,500. PH: 717-673-3298.

148 ACRE BEEF/SHEEP FARM - fenced & cross fenced. Beautiful home w/wood-oil heat, fine set farm buildings include large barn, drive-in heated shop, garage, etc. Frontage on 2 roads. Assumption of $64,000 mortgage possible at 12%. Level to rolling land in Sullivan County, high recreational area close to Canton, Pa. Price $162,500. Real Estaters of Troy 717-673-3298.

IMMEDIATE POSSESSION - 106 acre dairy farm, all good tillable or pasture with lease ground bordering. 64 comfort stalls with bunk seeder and new double 3 milking parlor with 1000 gal. tank. 2 concrete stave silos with unloaders. 40 HD heifer barn, mow conveyor, shop, corn crib, pole barn, nice home with new heat. Just $115,000. Our best buy this year due to death in family, so hurry. M-358. PH: 717-662-2138.

OPERATING PULLET FARM - 26,000 bird modern pullet house with excellent tract record. Sign on with existing or new lease for all the birds you can produce or raise your own chicks for greater return, 60+ acres, several good outbuildings, nicely remodeled 5 bedroom home, minimal labor, situation allows outside job. Call today on M-357 PH 717-662-2138.

13½ ACRES - some wooded, stream frontage on black top road, Septic approval, owner financing. $12,900.00 B-150. PH: 717-265-3171

62 STALL BARN - silos, bulk tank, remodeled house, spring, pond, 110 acres. $115,000.00 B-104 PH: 717-265-3171

FRONTAGE ON RT. 14 - formerly truck stop, 5500 sq. ft., commercial bldg., natural gas, 6 - 4000 gal. tanks, lift, compressor, 4 heaters, 2 restrooms, 2 offices, 8 acres. $72,500.00. B-105 PH: 717-265-3171

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81 acre general farm
38 acres general farm along rt. 422 in Stouchsburg, PA zoned agricultural, commercial and residential, will subdivide
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10 acres w/bank barn

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Long term owner financing, anxious to retire. 600 acre operating dairy farm, 400 tillable w/large level to rolling fields (75&100) acres. Most accessable from blacktop road. Nice woods w/some timber. 4 ponds creek thru & drilled well. Large dairy barn, 2 yr. old milk house, bulk tank & milker. Concrete silo, heifer barn 2 houses 11 room w/5 bedrooms, 7 room w/4 bedrooms. Can be bought w/s&e. 120 day growing season. Southern N.Y. #240 $238,000.

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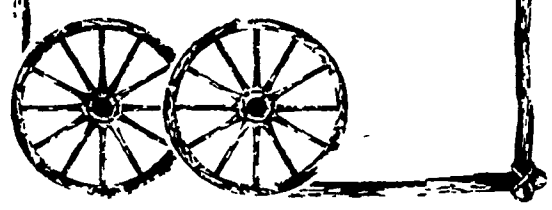
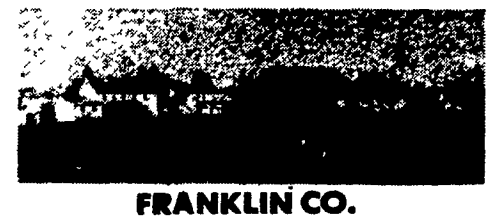


REAL ESTATE



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PRICE SLASHED AGAIN!

New dairy setup, 97 acres m/l, 39 comfort stalls, Patz barn cleaner, manure pit, 600 gal. bulk tank, new well, new elec. service with 2-way on/off main for standby generator, also bank barn, 3 car garage and Quonset implement shed. 10 rm. home with central heat, bath and powder room.
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315 acres. 130 tillable, 54 cow barn, 1000 gal. bulk tank, pipeline. Good 10 room house, modern kitchen, all for $145,000 stock and equipment available.

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329 acres. 160 tillable, 79 cow barn, pipeline, 2 silos, heifer barn, remodeled 4 bedroom house, 220,000. Owner financing with $50,000 down. May be purchased stocked and equipped.

DON'T STOP NOW

Come see this attractive dairy farm, 415 acres, 200 tillable, 83 cow barn, 1000 gal. bulk tank, 2 silos, machinery barn, very nice 12 room house. $330,000. Owner financing. Stock and equipment available.

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will be found on Page B47

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BERKS COUNTY
50 acre farm features lovely 2½ story, pointed stone home w/large kitchen, living room, center hall, 3 bedrooms & bath, large pond, stream, small barn, machinery shed, grainery & sheds 20 acres box wire fencing Call for details $117,900

97 acre dairy farm, level limestone soil, 50 cow stall barn w/pipeline bulk tank, features lovely 2½ story brick home w/modern kitchen, living room, 3 bedrooms & bath 6 bedrooms second floor Group heifer facilities 12x60 concrete silo 17x45 silo w/unloader, large 3 car garage, 80x30 machinery shed, & corn crib, pasture w/stream, lovely setting, operating farm. $350,000

12 acre features lovely pointed stone home with modern kitchen, formal dining room, 3 large bedrooms, 2 baths, large living room with fireplace, garage, barn exceptional value. $97,000

SCHUYLKILL COUNTY
260 Acres woodland near state game land, nice laying asking $175,000

MONTGOMERY COUNTY
55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 3 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more. A very lovely setting ~~$395,000~~ reduced to $360,000.

BRADFORD COUNTY
81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn barn cleaner, 2 story garage & out buildings $66,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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Ph: 215-679-5919

4 Acres w/lovely 2 story home, kitchen DR, LR, 4 BR & bath, fruit & nut trees Asking $33,300

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000.** Cattle & machinery optional Additional acreage available for rent

SUSQUEHANNA COUNTY
140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

437 acre dairy farm, 50 stall barn with pipeline, bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos Heifer barn & machinery shed, shop & garage Lovely stone & frame Colonial home with modern kitchen, 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325,000

74 acres, 67 T, features 106 comfort stall barn, 1000 gal tank, pipeline, 89 free stall heifer barn, 30x70 concrete silo, solid 2½ story 4 bedroom home w/bath Asking ~~$166,000~~ Reduced $125,000. . Also renting additional acres.

COLUMBIA COUNTY
150 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~ make an offer reduced $175,000 #310

20 acres with small barn, pond, wooded and open ground Nice area Financing Available Asking $45 000

NEW JERSEY
80 acre dairy farm gently rolling to level streams & pond 2½ story home with 4 bedrooms & 2 baths large remodeled kitchen dining rm & laundry 60 stall barn & 80 freestall milkhouse bulk tank large shop new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $250 000

BUCKS COUNTY
100 acres of level Tinicum Bucks County soil, 95T, features lovely 2 story double home w/11 rooms & 2 baths 2 story bank barn w/50 stalls 1 mi road frontage A good operating dairy farm. $360,000
PAYS FOR ITSELF

145 Acre jug milk farm superb facilities, lg store & sales area, 3500 gal milk holding capacity, modern processing facility including ice cream making, 185 cow free stall, 5 lg silos, lg heifer facility, 2 double houses & 1 single home, shop, storage sheds, outbuildings, 200 cows, 250 heifers, full line of machinery additional rental acreage available Call for details $1,5000,000

SNYDER COUNTY
101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & la... 70 freestall barn w/box stalls, 8 stall Herringbon... auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, ~~$180,000~~ Reduced to $170,000 #328 SOLD

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area Reduced to $115,000 Owner financing available #307

188 Ac general farm w/68 A hard timber, good 4 bedroom home w/kitchen, LR & Bath, very nice laying ground & much more $175,000.

65 Acre general farm w/88x45 barn w/block addition, Large 90x36 implement shed, lg. combination corn crib & shed. Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath. Completely remodeled. ~~$125,000~~ #344.

CARBON CO.
260 Acres woodland near state gameland #351-$175,000

LANCASTER COUNTY - SUPER FARM
150 Acre Dairy Farm, (2) 20x60 Harvestore, (2) 24x65 concrete silos, 203 cow super free stall, double 6 parlor, 2000 gal bulk, 150 free stall heifer facility Lg shop, tobacco shed, 2½ story, 3 family, 3 section stone home, pasture w/stream 200 acre additional for rent Financing available to qualified buyer $585 000 #349

JUNIATA COUNTY
4000 sq ft family Greenhouse operation, retail sales business includes lovely 2 story brick home w/kitchen living room dinning room 2 bedroom & bath & large 2nd floor Also 48x50 storage building all for $75 000

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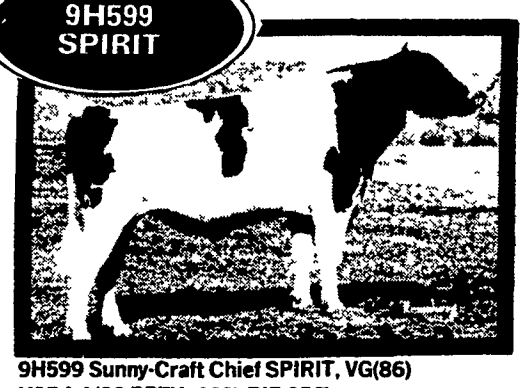
9H599 SPIRIT

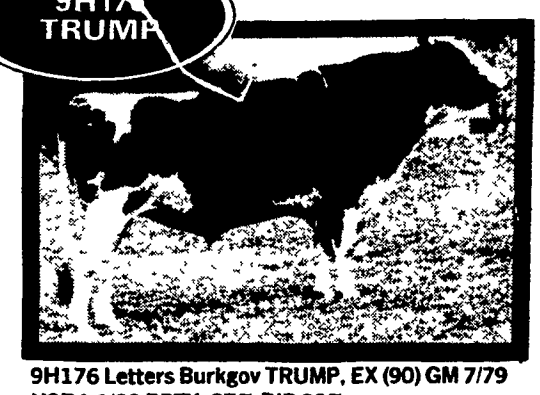


9H599 Sunny-Craft Chief SPIRIT, VG(86)
USDA 1/82 RPTY. 66% RIP 85%

47 dtrs. 40 herds	17844m	3.8%	678f
Pred Diff. ('74) +$228	+1640m	+.04%	+66f

HFA Type Summary, N/A

9H176 TRUMP



9H176 Letters Burkgov TRUMP, EX (90) GM 7/79
USDA 1/82 RPTY. 97% RIP 82%

760 dtrs. 432 herds	17435m	3.7%	638f
Pred. Diff. ('74) +$199	+1490m	+.01%	+55f

HFA Type Summary, 1/82
Pred Diff -026 Rpty 91%

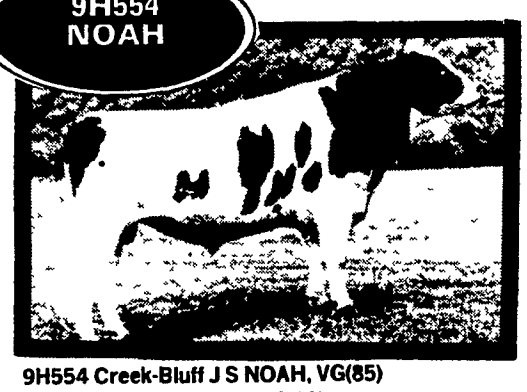
9H589 STANDARD

9H589 Reu-Hel Farms Chief STANDARD, VG(88)
USDA 1/82 RPTY. 65% RIP 71%

42 dtrs. 41 herds	17774m	3.8%	671f
Pred. Diff. ('74) +$188	+1358m	+.03%	+54f

HFA Type Summary, N/A

9H554 NOAH

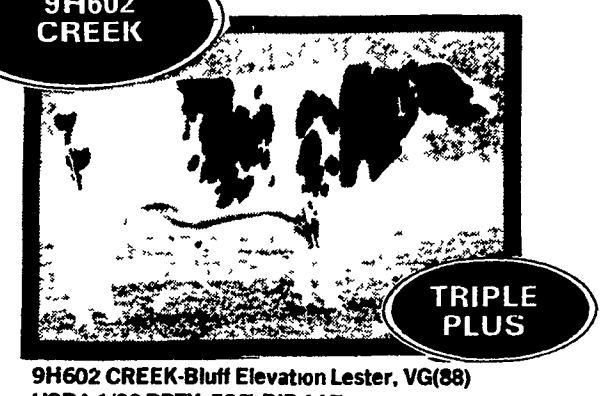


9H554 Creek-Bluff J S NOAH, VG(85)
USDA 1/82 RPTY 81% RIP 1%

81 dtrs 65 herds	17607m	3.7%	651f
Pred Diff. ('74) +$186	+1402m	+.00%	+51f

HFA Type Summary, 1/82
Pred Diff 1 19 Rpty 73%

9H602 CREEK



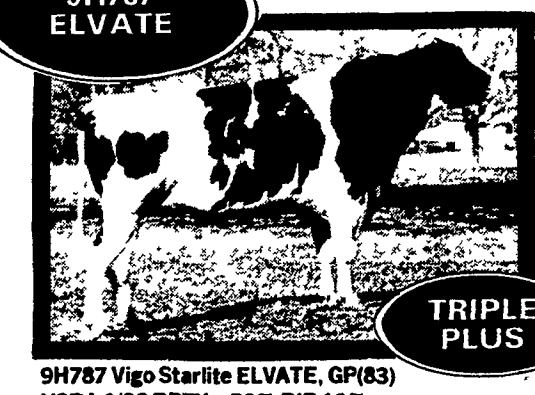
TRIPLE PLUS

9H602 CREEK-Bluff Elevation Lester, VG(88)
USDA 1/82 RPTY. 59% RIP 14%

31 dtrs. 17 herds	19652m	3.7%	733f
Pred. Diff. ('74) +$175	+1156m	+ 09%	+55f

HFA Type Summary, 1/82
Pred Diff +2 16 Rpty 61%

9H787 ELVATE



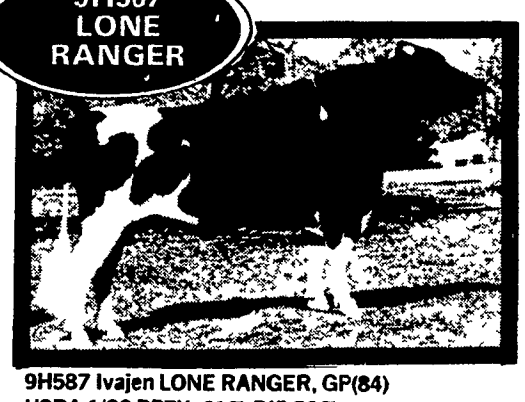
TRIPLE PLUS

9H787 Vigo Starlite ELVATE, GP(83)
USDA 1/82 RPTY. : 52% RIP 12%

27 dtrs. 17 herds	20076m	3.7%	750f
Pred. Diff. ('74) +$171	+1274m	+.01%	+48f

HFA Type Summary, 1/82
Pred Diff +1 20 Rpty 61%

9H587 LONE RANGER

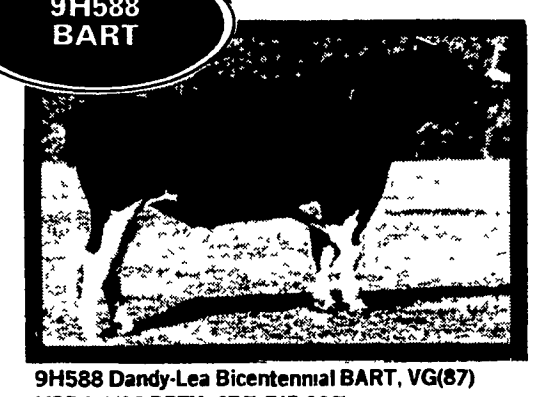


9H587 Ivajen LONE RANGER, GP(84)
USDA 1/82 RPTY. 61% RIP 53%

36 dtrs 34 herds	17164m	3.9%	663f
Pred. Diff. ('74) +$169	+1138m	+.07%	+52f

HFA Type Summary, N/A

9H588 BART

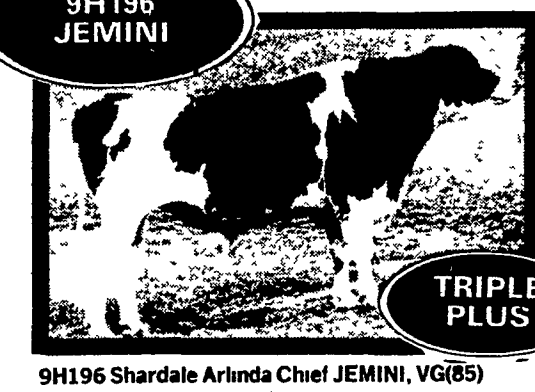


9H588 Dandy-Lea Bicentennial BART, VG(87)
USDA 1/82 RPTY 67% RIP 30%

48 dtrs. 39 herds	17301m	3 8%	656f
Pred. Diff. ('74) +$166	+1247m	+.00%	+46f

HFA Type Summary, 1/82
Pred Diff -0 07 Rpty 59%

9H196 JEMINI



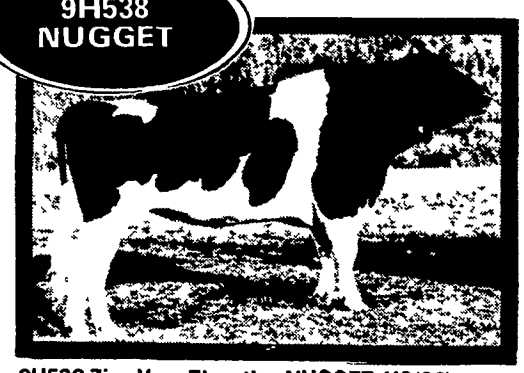
TRIPLE PLUS

9H196 Shardale Arlinda Chief JEMINI, VG(85)
USDA 1/82 RPTY. 94% RIP 78%

334 dtrs. 258 herds	17772m	3.7%	661f
Pred Diff. ('74) +$163	+1173m	+.03%	+47f

HFA Type Summary, 1/82
Pred Diff +0 73 Rpty 89%

9H538 NUGGET

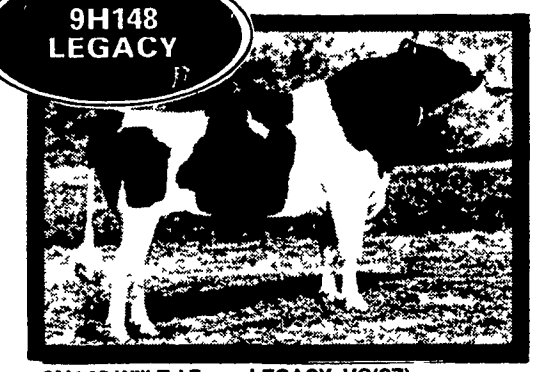


9H538 Zion-View Elevation NUGGET, VG(86)
USDA 1/82 RPTY 74% RIP 0%

50 dtrs. 45 herds	16986m	3.8%	648f
Pred. Diff. ('74) +$144	+952m	+.07%	+45f

HFA Type Summary, 1/82
Pred Diff +0 57 Rpty 59%

9H148 LEGACY



9H148 Will-Tri Frans LEGACY, VG(87)
USDA 1/82 RPTY. 97% RIP 54%

690 dtrs. 398 herds	17018m	3 7%	623f
Pred Diff ('74) +$132	+1010m	+.00%	+36f

HFA Type Summary, 1/82
Pred Diff +0 06 Rpty 90%

The Sire Power Holstein line-up doubled its plus percent test improvers with 11 outstanding sires averaging +.03% on test.

These bulls are not just siring high test, but also offer top production and functional type

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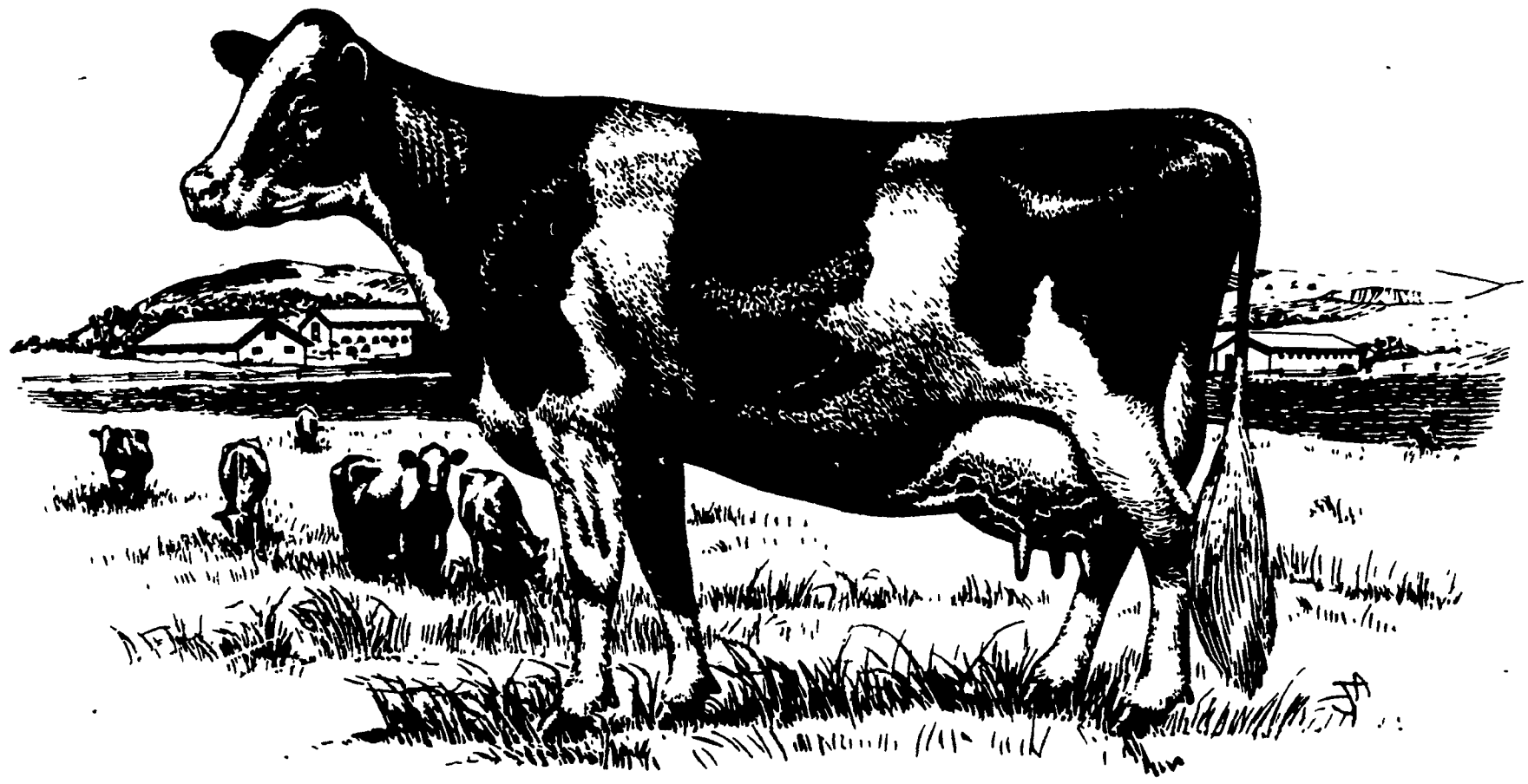

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She restores past with painstaking care

BY DICK ANGLESTEIN

LANCASTER — Among the myriad of roles she fulfills are carpenter and wood crafter, leather worker and engraver, upholsterer, painter, researcher, historian and genealogist.

And she combines the talents and skills of these and still more disciplines in a quiet, unassuming manner with an extremely fine blending of patience and painstaking care.

Last Saturday, these skills and patience were brought to the Lancaster Host Farm Resort ballroom in the form of an expertly restored Park Drag, which topped the first "Select Carriage Auction," of Martin Auctioneers, at $37,000.

And, these skills and patience belong to Ms. Susan Elaine Green, of R2 Orwigsburg, who devoted thousands of hours over the past two years to the restoration project.

Her dedication to authentic detail could be seen throughout the large coach, which was originally manufactured about 1889 by C. P. Kimball and Co., of Chicago, Ill.

One specific example of the patience and painstaking care could be found in the coach's leather interior.

The leather seats feature a narrow, striped braid trim.

"I wrote 150 letters to textile manufacturers, trying to locate the original trim for the seats," Ms. Green explained.

"I finally located a manufacturer overseas who had a little bit left in his discontinued stock."

And besides being a stickler for details, such a restoration also requires ingenuity.

One of the many trappings that such a coach contained was a skid pan, which usually hung from the bottom and was used to slide under the wheel as as extra brake on a hill.

"I finally had to construct a wood pattern for the skid pan and have it cast at a foundry in Hamburg," she added.

But long before she launched the actual restoration came the many additional hours of research.

Along with this tracing of history, Ms. Green became a genealogist of sorts, performing her own "Roots" project into the Kimball family.

She traced the family back to 1736 when Richard Kimball, a wheelwright, brought his skills to the Colonies from England. The family's carriage-making skills were first plied in New England.

Six brothers in the family spread the coach-making fame, but some dropped out of business when Southern customers reneged on orders at the time of the Civil War.

One of the brothers, Charles Porter Kimball, moved on to Chicago in 1876. It was his company that made the Park Drag about 1889.

The museum in Dearborn, Mich. also was a resource for information for Ms. Green.

"I talked to the curator several times," she explained.

"The museum had a perfect original, which was made about 10 years later."

As automotive technology overtook the horse-drawn carriage trade, the C.P. Kimball Co. attempted to adapt for a time. It made electric cars from 1910 to 1912 and produced custom auto bodies until it went out of business in 1923.

But, just as the large coach, was the center of attention in the ballroom of the Host Farm last Saturday, it once likely also stood out as the private conveyance of the elite going to a ballroom of a bygone era.

Like the Rolls Royce of the later days of special transportation, the park drag comes equipped with such things as an ice chest, silverware and dish drawer.

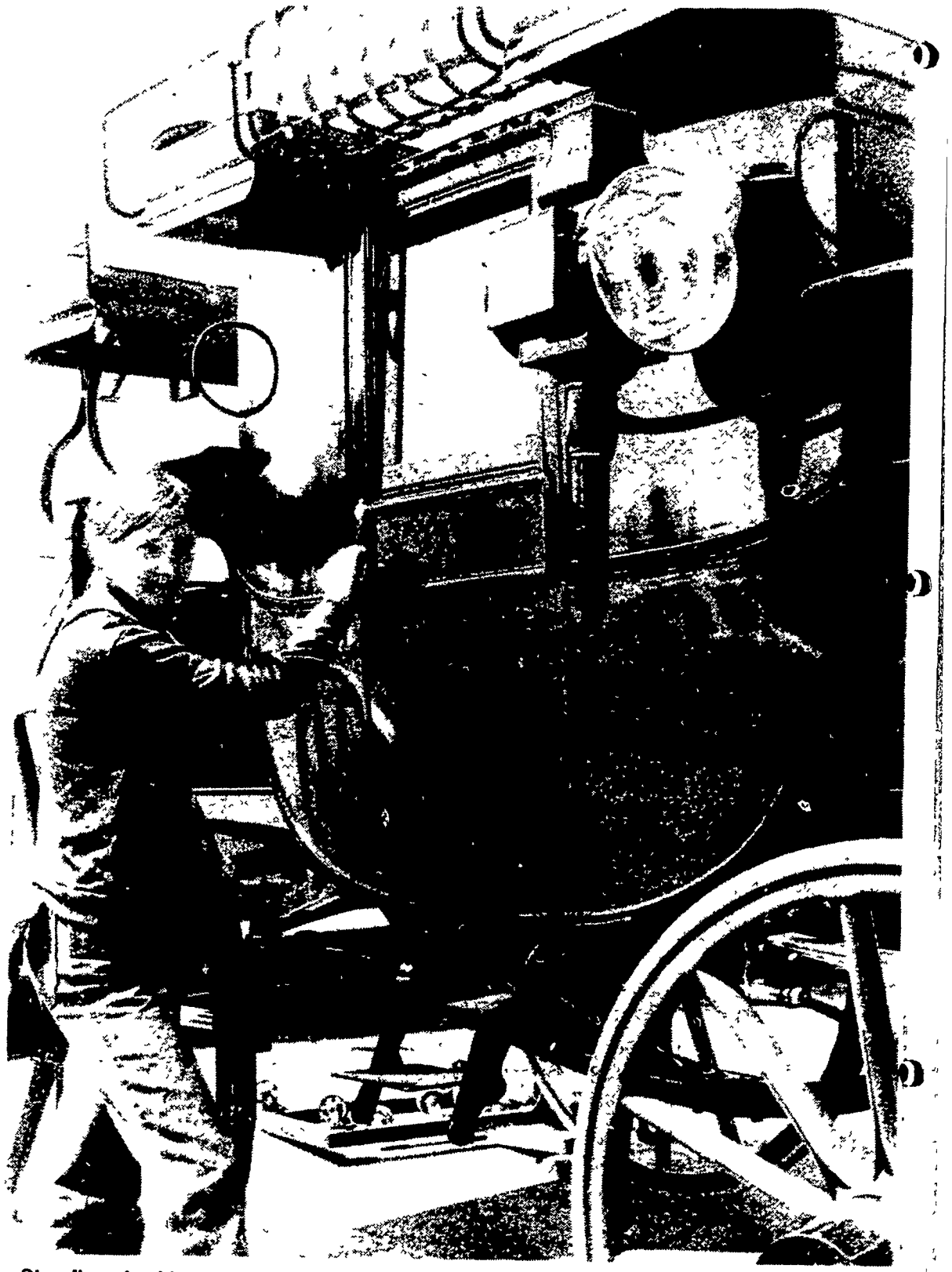
The coach was purchased by Jack and Marsha Bisgrove, of Auburn, upstate New York.

As the gavel rang down on their winning bid, it marked the culmination of the two-year restoration project for Ms. Green.

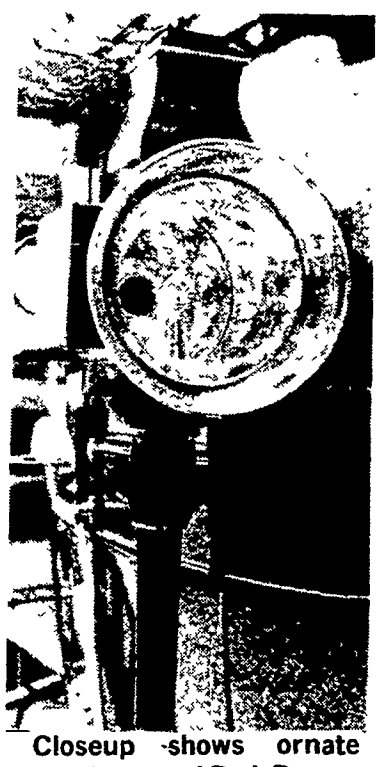
"And before the work, the research can take a very long time," she said.

"I try not to even think of the actual work during that time.

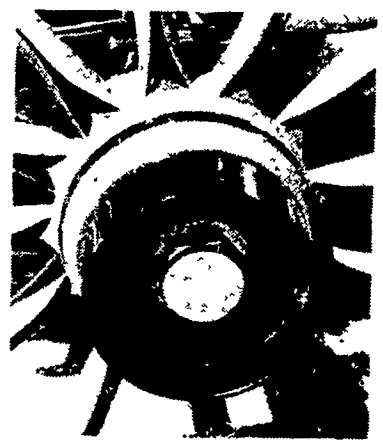
"But it feels so satisfying when it finally starts going together."



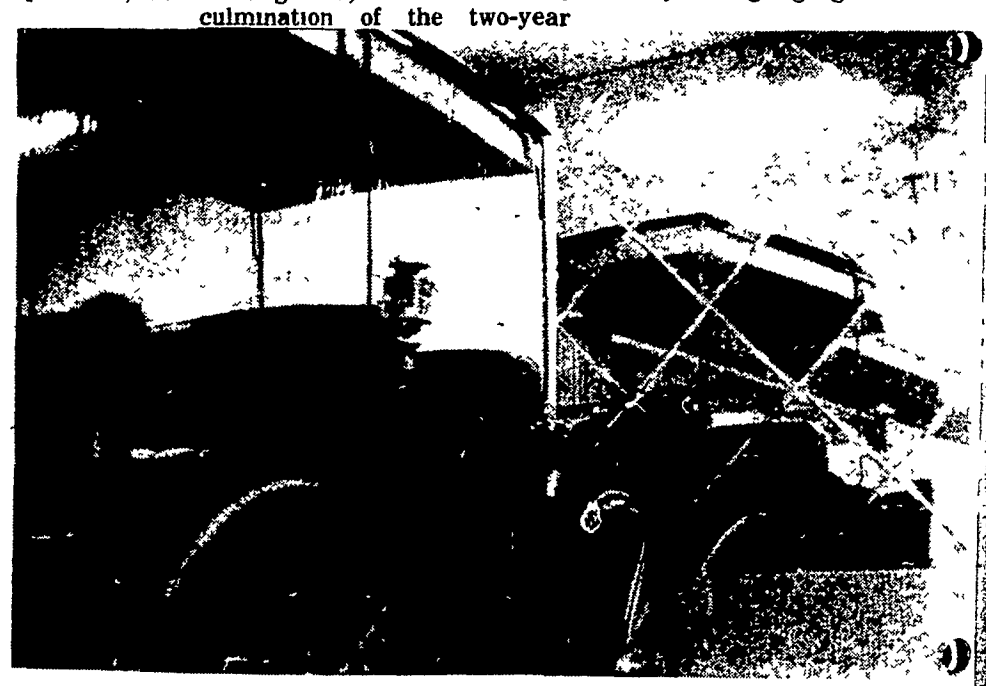
Standing beside the Park Drag, which required two years of precise and painstaking restoration, is Susan Elaine Green, R2, Orwigsburg. The large coach topped last Saturday's Select Carriage Sale of Martin Auctioneers in the Host Farm ballroom at $37,000.



Closeup shows ornate lamp of restored Park Drag.



Wheel hub identifies Park Drag manufacturer as C.P. Kimball & Co., Chicago.



Two of the 35 carriages, coaches, wagons and sleighs in the Select Auction are shown reflected in the large wall mirrors of the Host Farm ballroom.

At left is a U.S. Mail Delivery Wagon, which once "speeded" letters and parcels through the rural countryside. (At times, present-day delivery schedules bring back memories of this postal past.) Sporting original government standard green, the doors swing open on spring-loaded hinges with a sliding glass door on top.

At right is a Surrey with fringe on top (remember the song). Brass tag on its reads: W.E. Howry, Shireman, Pa. It was in the same family for 75 years before restoration by Fisher's Coach Shop, New Holland.

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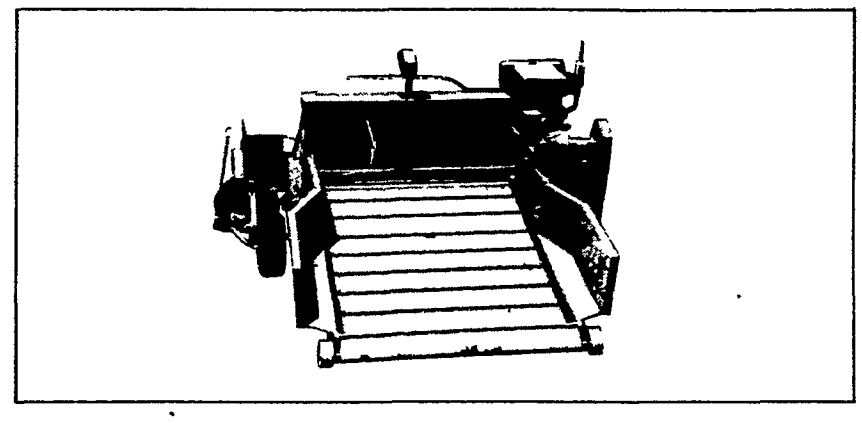

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Don Carter of Parkdale, Oregon

"The best move I ever made" . says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon

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Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool" . . . says rancher, Roland Rasmussen of Blair, Nebraska.

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Bert Anderson of Sceptre, Saskatchewan

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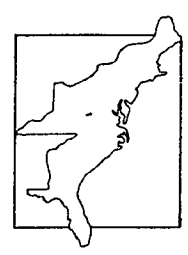

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U.S. experiences full range of March weather

WASHINGTON, D.C. — The full potential of March weather patterns was felt in the United States in mid-march, while needed precipitation fell in South America and major European regions, according to a report issued last Tuesday by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture.

A cold front temporarily interrupted very warm weather on the North China Plain, and dry conditions began to cause concern in Mexico's primary crop areas.

Highlights of the report follow.

—United States. Summer-like weather aided field work and crop development in the Gulf Coastal states while heavy rains delayed planting in the Southwest. Snow cover from the northern Rockies through the northern Great Plains increased by as much as 10 inches; the same storm dropped heavy rains from the Central Plains to the southern Great Lakes and over much of the East Coast. While flooding in Indiana and Western Ohio was a great concern to area residents, minimal damage was done to dormant winter grains.

USSR. Major winter grain areas of the Ukraine, North Caucasus and Volga Valley appear to be without snow cover. Temperatures in the eastern Ukraine and Volga Valley dropped to below-normal by week's end, but were not sufficiently cold to produce significant winter kill.

Europe. Spanish crop areas remained dry, continuing a three-week pattern. The dry weather is stressing almond trees which are flowering in southeast coastal areas. Also, Spanish winter grains need rain as the crop approaches the flowering stage. In contrast, precipitation became more widespread over northern Italy, England, France, central and southeast Europe.

Mexico. Sunny, warm weather over most principal agricultural areas further reduced topsoil moisture, and possibly slowed development of young, shallow-rooted crops in nonirrigated corn and bean districts. The only significant rain fell west of the Mexicali cotton area where temperatures were cool. Temperatures in the northeast were much warmer than normal and aided crops where moisture was adequate. However, some crops, including citrus, were stressed in nonirrigated districts.

South America. Widespread showeres over most crop areas of Brazil and Argentian benefited summer crops which have not yet reached maturity. Brazil's soybean harvest–about 25 percent complete in Parana and just underway in Rio Grande do Sul–was delayed by wet weather. The substantial rain improved topsoil moisture supplies for late maturing soybeans in southern Brazil and aided fruit development in Sao Pulo and Minas Gerais. In Argentina, overall conditions remain favorable for maturing grain and oilseed crops. Rain probably delayed both the cotton harvest in Chaco and the early sunflower harvest in Buenos Aires.

Eastern Asia. Temperatures on the North China Plain plummeted from a cold front, alleviating stress on young wheat plants which had suffered from dry conditions. Light, localized frost caused only superficial damage. Some dry areas had beneficial precipitation, but by week's end, rising temperatures posed another threat. In South Korea, generous rainfall benefited winter grains and above-normal temperatures allowed continued growth.

South Asia. Warmer, drier weather favored winter grains in northern Pakistan and India. Favorable growing conditions were maintained by seasonable rainfall in Bangladesh and India.

Northwestern Africa. Above-normal temperatures in Morocco somewhat stressed moisture-deficient winter grains as the crop entered the heading stage. Moisture was generally adequate for crop growth in Tunisia and eastern Algeria; however, conditions in central Algeria became drier and additional moisture will be needed soon.

South Africa. Varying degrees of rain fell on parts of the Maize Triangle. The moisture may have benefited filling of late-planted varieties, but generally it was too late to help this season's crop.

Testing used lube oil can pay off

HARVEY, Ill. — Over the past several years, there has been an increasing emphasis on evaluation of used engine lubrication oils, especilly in the heavy duty diesel engine field. This increased emphasis is probably proper for several reasons, explains Roger Higgins, engine division manager, Allis-Chalmers Corp.

First of all, with lubricating oils being increasingly more expensive, the extension of oil drain periods of significant importance. Secondly, proper use of oil analysis can prevent a major engine failure or allow repair at more opportune times; all reducing the cost, down time and inconvenience to the engine operator. Regular oil testing can perform a great service both in extending the oil change intervals and in reducing engine overhaul and repair costs.

Two significant areas which are available to most users are spectographic analysis for wear particles in the oil and measurements of insoluble particles and total base number from the used oil. The former method is more often a device for detecting engine malfuction while the latter would be most useful in determining proper drain periods, Higgins said.

The first question one might ask is: "How do I obtain such information?" Essentially, there are two methods. Many oil companies offer oil analysis services to their customers at nominal charges.

Additionally, there are a number of independent laboratories who specialize in analysis. Usually, both types of organizations supply clean sample bottles with labels for indicating engine S/N, hours on the oil, hours on the engine, etc.

Typically, a report will indicate the absolute numbers for the spectographic analysis in parts per million and for insolubles in percent. The insolubles are usually pentane, benzene and resins. However, the absolute numbers are much less important than the trend from sample to sample. The most significant item or alert signal is a sharp increase from one sample to the next.

A relatively new technique is plotting the relative size of particles in an analysis. The chart would have the percentage of particles in small, medium and large sizes. Naturally, as the larger particles increase, another danger sign is flashed. The sample to sample progression can be plotted on a chart as a function of time or merely tabulated and scanned for changes and trends. Therefore, regular sampling is important. Normally, the analyzing lab will alert the customer for changes in his trend.

For extended oil drains, the insolubles and base number will gradually show an increase until such time as the oil becomes "saturated" with carbon, varnish, etc. As the saturation point is approached, oil should be changed. Extension of oil drain periods by 100 to 200 percent over the normal period specified in an operators manual is not uncommon for many units. Other engines operating under severe conditions may even require shortening the drain period or providing additional filtration capacity.

In summary, experience indicates that use of modern techniques for analyzing used lube oils may save the engine operator in two areas. The first is in prevention of an expensive engine failure and the second is in extending oil drains beyond the generally conservative or average figure recommended by the engine manufacturer, Higgins concluded.

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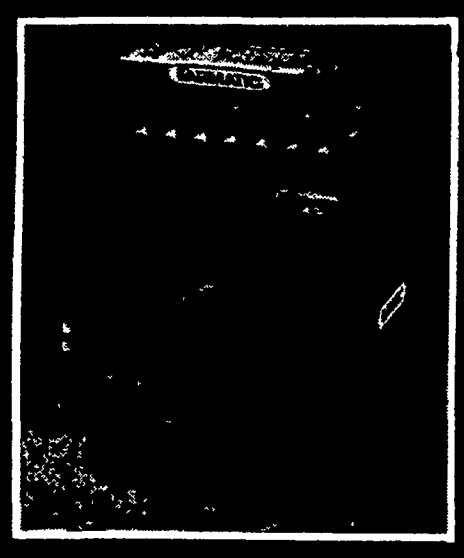

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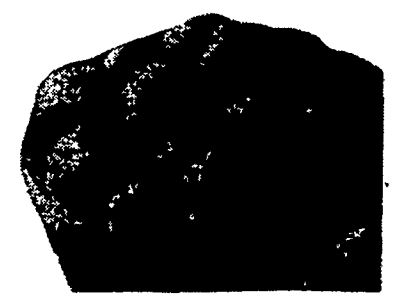

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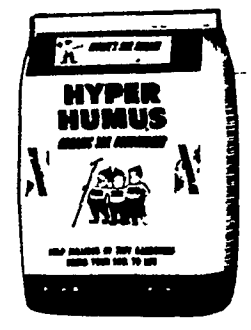

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Limousin Foundation announces genetic trait leaders

DENVER, Col., — The North American Limousin Foundation released its 1982 Limousin Sire Summary and has identified five bulls leading the breed in economically important traits.

Of the four traits measured — birth weight, weaning weight, yearling weight and daughters' first calf weaning weight — on bull is above average in all. Owned by Sweetwater Plantation of Thomson, Ga., 2 Hanchon AV Hagadal, known as Hanchon, produces calves light at birth yet above average in milk production.

The bull leading the breed in birth weight is Erode, owned by Ben and Mark Turbyfill of Madill, Okla. Performance data on the bull shows his calves average more than five pounds lighter than the average of all the bulls in the summary. Birth weight is important because it reflects calving ease — heavier calves at birth tend to result in more calving difficulties.

The trait leader for adjusted 205-day weight this year, as well as last, is Dakota Chance 77 owned by Harold Rinehart of Pompadour Hills Ranch, Highmore, S.D. This bull's data show his calves weigh nearly 25 pounds heavier at weaning than the other bulls in the summary. The adjusted 205-day weight is a measure of growth from birth to weaning and of the dam's milking ability.

Showing the depth of his performance program, Rinehart and James Simmons of Ocala, Fla. own adjusted 365-day weight trait leader, Boventure Farfelu. This bull has lead the yearling weight catagory since 1980, producing calves that weigh 40 pounds more than the sire summary average. Adjusted 365-day weight, or yearling weight, is the noteable economically important trait as it is more indicative of growth potential through market age than weights taken earlier in life. In addition, it is associated with gain efficience and percent retail yield.

The final trait tested in the Limousin Sire Summary, daughters first calf weaning weight, is led by Dudle, owned by Derochie Ranches of Calgary, Alberta, Canada. This trait evaluates milk production by measuring weaning weights of heifers' first calves. The data shows Dudle's daughters wean calves, as first calf heifers, weighing nearly 10 pounds heavier than average.

In addition to the first place Erode, bulls leading the breed in calving ease are Elite in second, owned by Dudley-Thompson Cattle Company of Hampton, Iowa. Dr. David Berezan of Stettler, Alberta, Canada owns Easter, the bull in third. Elegant, owned by Harold Rinehart of Pompadour Hills Ranch is the fourth easiest calving bull and Esca, owned by Howard Putnal of Lee, Fla. is fifth.

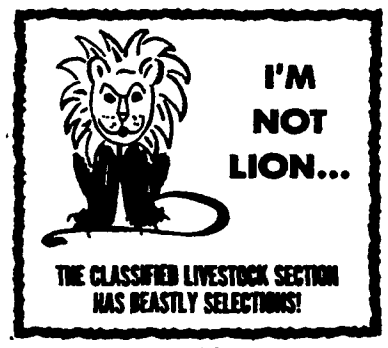
In the adjusted 205-day weight catagory, second behind the leading Dakota Chance 77 is Godwin Golden Henri, owned by the Baker, Ore. firm of Steward and Morrissey. McKown and Sons of Ardmore, Okla. and Leonard Wulf and Sons of Morris, Minn. own Dictator, the bull in third while Ripp-Fusee, owned by Ronnie Martin of Bainbridge, Ga. is fourth. O'Brien Farms of Pineville, Mo. own Elk River 106H, the fifth leading bull for weaning weight.

SY Niterider, owned by Symens Bros. of Amherst, S.D. and Holcomb and Yates of Stanton, Texas, is second in 365-day weight, behind Boventure Farfelu. Third is Mr. LCCO, a long-time high ranking bull owned by David B. Hatcher of X Bar H Ranch in Houston, Texas. Steward and Morrissey's Godwin Golden Henri, ranked second in weaning weight, is fourth in yearling weight and Diamond "A" Farfelu, owned by Al Ogren and Sons of DeSmet, S.D. is fifth.

Second in daughter's first calf weaning weight, behind Dudle, is Favori, owned by American Breeders Service of DeForest, Wis. The bull leading the breed in calving ease, Erode, comes in third and Farfelu, owned by W.R. Hager of Weinert, Texas is fourth. ABS rounds out the catagory with their bull, Espoir CIM 70.

The 1982 Limousin Sire Summary reports progeny performance on 454 bulls, up from the 340 animals measured last year. Of the 454 head in the summary, 29 are above average in three of the four traits measured.

For more information and a copy of the 1982 Limousin Sire Summary, contact the North American Limousin Foundation, 100 Livestock Exchange Building, Denver, CO 80216.



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Farm Business News

Grassland Council elects York

TIPTON, IND — The American Forage and Grassland Council (AFGC) has named Vance York, Eastern Division, Pioneer Hi-Bred International, Inc., its president for 1982.

York, Northern Regional Sales Manager and Sales Coordinator for alfalfa, forage mixes and wheat for Eastern Division, was installed as AFGC president during the council's recent annual conference in Rochester, Minn.

Retiring AFGC president is W.C. Templeton, Jr., director of Penn State's Regional Pasture Research Laboratory.

Other AFGC officers include senior vice-president, Carl Hovland, University of Georgia, vice-president, Robert Buker, Farmers Forage Research; and secretary, John Baylor, Penn State.

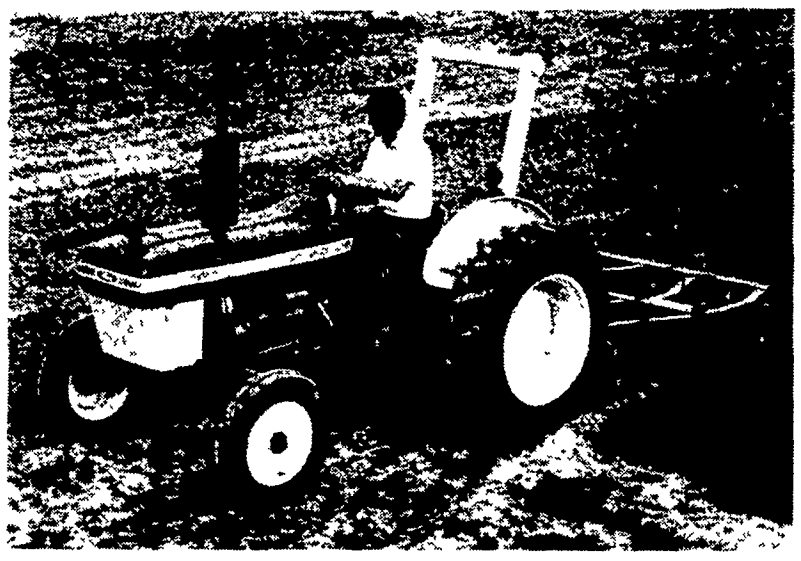
The American Forage and Grassland Council is a non-profit organization which serves as a forum for exchange of ideas and information regarding forage production and use. The organization also works to encourage more basic and applied forage research.

Vance York

American Forage and Grassland Council membership includes individuals representing research, Extension, teaching, business, government, and farming and ranching.

DeKalb honors Stauffer

Caleb and Ann Stauffer, of Newmanstown, were recently honored for their 1981 First Place Swine Production Records. The award, given by Dekalb Swine Breeders, Inc. to one of 77 farms on the company's Swine Service Program is based on the farm's farrowing rate, percent of farrowing crates filled and the average number of pigs weaned per sow. The Stauffer farm recorded an average of 9.42 pigs weaned per sow litter with a farrowing rate of 92.7 percent. The Stauffer farm is a contract herd of Stevens Feed Mill. Shown receiving the award from Roy Poage, center, president of Dekalb Swine Breeders is Caleb Stauffer, left, while Earl Martin, president of Stevens Feed Mill, looks on.



An economy three-cylinder model, the 2310, has been added to Ford's Series 10 line of mid-range tractors.

Ford adds economy tractor

TROY, MICH. — A new economy model has joined Ford's recently introduced line of mid-range Series 10 agricultural tractors.

The new 32-horsepower Model 2310 tractor comes equipped with three-cylinder diesel engine, eight-speed transmission, 540 rpm live PTO, two-lever hydraulics, category I hitch, and top-link draft control.

Service features on the new model include a flip-up front shell, hinged side panel and easy-to-reach filters. There also is a roomy operator's area, complete instrumentation and a comfortable seat. The 2310 offers fingertip control for a wide range of mounted equipment, including rotary cutters, landscaping implements, plows and more.

The new tractor is designed for highway or park maintenance, landscaping or a wide range of other uses.

The 2310 will arrive at Ford tractor dealerships throughout North America in early April.

This year is the 75th anniversary of the first Ford farm tractor — an experimental model built by the company's founder in 1907.

Ewell plans awards dinner

EAST EARL — The annual safety awards dinner of John S. Ewell, Inc., Bulk Milk Hauler and Ewell Service Company Petroleum Transportaion, of East Earl, will be held Tuesday in the Blue Ball Fire Hall.

Dinner will be served at 7 p.m. to drivers, staff, retirees and their wives or friends. Safe driver awards will be presented to 27 milk drivers and six awards to drivers of petroleum products for the year 1981.

Guests will be present from Kraft Foods, Penn Dairies, East Earl Township Supervisors Office, Pennsylvania State Police and East Earl Township Police Department.

C. Theodore Sheaffer is president and terminal manager of the transportation firm, which also operates as Terminal No. 12 of Matlack, Inc., coast-to-coast movers of petroleum and chemicals. Michael Baley, operations manager, will present the driver awards. S.O. Zimmerman will act as toastmaster.

Nation's agri-marketers to probe challenges of the '80s

SHAWNEE MISSION, Ks. — More than 1,000 American agri-marketers will convene in Denver beginning May 2 to probe in depth the challenges facing the American farmer and those who provide the products supporting his efforts.

The four-day conclave will closely examine such crucial issues as the impact of international politics on American agriculture, an impending shortage of water for irrigation, and forthcoming changes in retail food marketing that will affect food producers.

Management, marketing and advertising executives from virtually every corner of the multi-billion dollar agribusiness community have committed to attend the annual conference of the National Agri-Marketing Association, which will be headquartered at the Fairmont and Marriott City Center hotels in Denver.

In addition to an intensive three days filled with presentations, discussions and workshops on agribusiness, marketing and advertising issues, those in attendance will hear from Safeway Chairman Peter Magowan on changes in consumer food needs and desires, New York Times Washington Bureau Chief Hedrick Smith on the international situation, and William Gianelli, Assistant Secretary of the Army for Civil Works, on the troublesome national water outlook.

Among the important ceremonial undertakings is the presentation of the National Awards for Agricultural Excellence. Created in 1981, the Ag Excellence awards recognize exemplary achievements among members of the agricultural community in science and research as well as public and private sector contributions.

Another important presentation, a NAMA tradition since 1962, is the Robert S. Kunkel Award, also known as the "Agri-Marketer of the Year." The association also honors outstanding advertising, publicity and promotion campaigns.

In addition to these subjects of industy-wide interest, workshops will be conducted on a variety of topics. Among the sessions planned are several case histories on successful marketing programs for commodities and farm equipment, a presentation on "What American Firms Can Learn from Foreign Marketers," a session on "How to build a Well-Read Advertisement," and a discussion of "Public Relations and Its Fit in the Marketing Plan."

Agri-marketers and others interested in attending the four-day conference are encouraged to write the National Agri-Marketing Association at P.O. Box 7912, Shawnee Mission, Kansas 66207, or call 913/341-5445. NAMA members may attend the conference for $180 exclusive of hotel costs. Non-members' rate is $260, and students may attend for $60.

PENNSYLVANIA AGRICULTURE

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For years manufacturers of manure spreaders have bragged about heaped capacities That's fine, as long as you're handling manure that can be heaped

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That s why Badger designed their new BN3210 and BN3260 Manure Spreaders with extra struck level capacity The 3210 has a 220 bushel heaped capacity, 143 cu ft struck capacity The 3260 holds 260 bushels heaped and 166 cu ft struck.

Therefore our cost per cubic foot is less!

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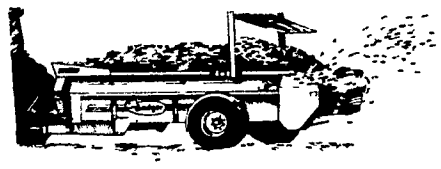

And Badger Spreaders can be customized with exciting options like 1000 RPM PTO, hydraulic liquid end gate, top beater and two great aprons in 667X pintle chain or T-Bar Type

TROUBLE-FREE HYDRAULIC APRON DRIVE

Badger's hydraulic apron drive provides efficient, trouble-free unloading The hydraulic drive offers smooth, even delivery to the beater in five speeds! from 2 to 20 feet per minute And, the system is virtually maintenance free — Economical too!

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You know that a good manure management program is important to the overall efficiency of your livestock operation And Badger Northland designs and builds the best equipment to help you with that job Whether your operation centers on dairy beef or hog production Badger has the equipment and the dealer force that s up to the task of giving you strong trouble-free operation day in and day out

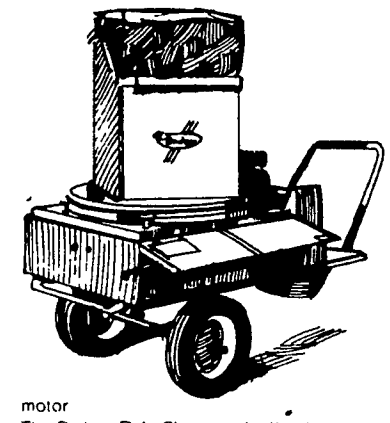
So whether you re expanding or updating your operation see your Badger Dealer now He s the man who knows about modern manure management

The new Badger Bale Chopper handles them all... Corn stalks, hay or straw.

Reduce labor and cut bedding costs up to 40% with the new Badger bale Chopper No more breaking and shaking bales with this handy unit It easily chops and spreads any type of baled material all in one single operation Makes low quality hay more palatable and improves the operation of manure transfer pumps

Individual doors allow bedding distribution to both front and rear as well as to the manure gutter Big 16 tires and swivel caster wheel make maneuvering effortless And the handy storage rack for extra bales insures non-stop bedding

Available with either 4 5 h p or 6 5 h p gasoline engine or 3 and 5 h p electric motor



The Badger Bale Chopper built to last priced right for you

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With the Badger Free Stall Barn Cleaner you don t even have to push a button to operate it You see everything is automated with a unique time switch that activates the 1-1/2 h p reversing motor that sets the system into motion This is a well built system that requires little maintenance while delivering plenty of performance Cows quickly adapt to the safe slow moving paddle that doesn t disturb them in the least

The Badger Free Stall Barn Cleaner You ll wonder how you ever got along without it

The Badger Pow-R-Ram Transfer Pump performs better because it's designed better.

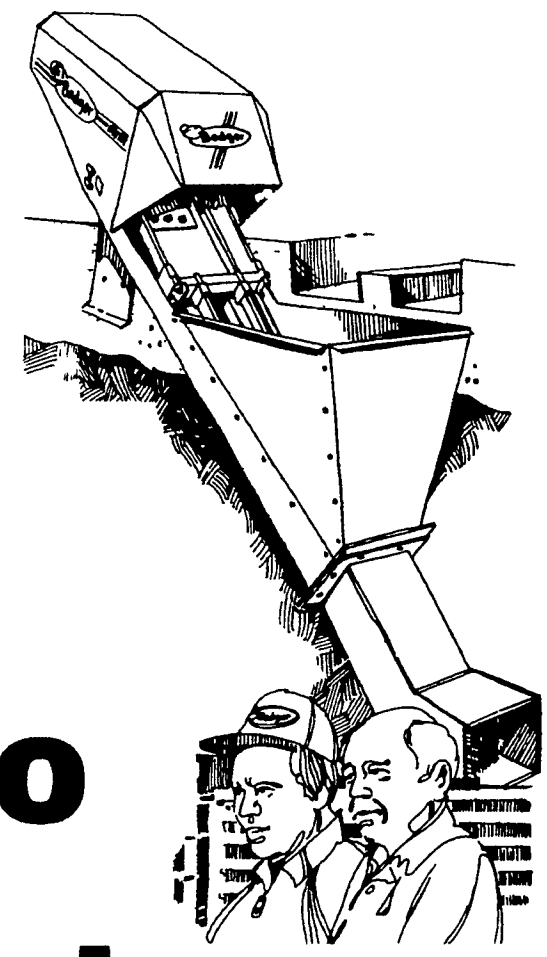
Badger Northland the manure handling experts have done it again They ve designed a powerful manure transfer system that s unmatched in power dependability and efficiency

You ll get your money s worth with this big brute The key is a new improved piston design which features doubled bearing areas assuring smooth operation and longer life The transmission the business end of the system is specially designed to perform its strong-arm duties quietly and with minimum maintenance

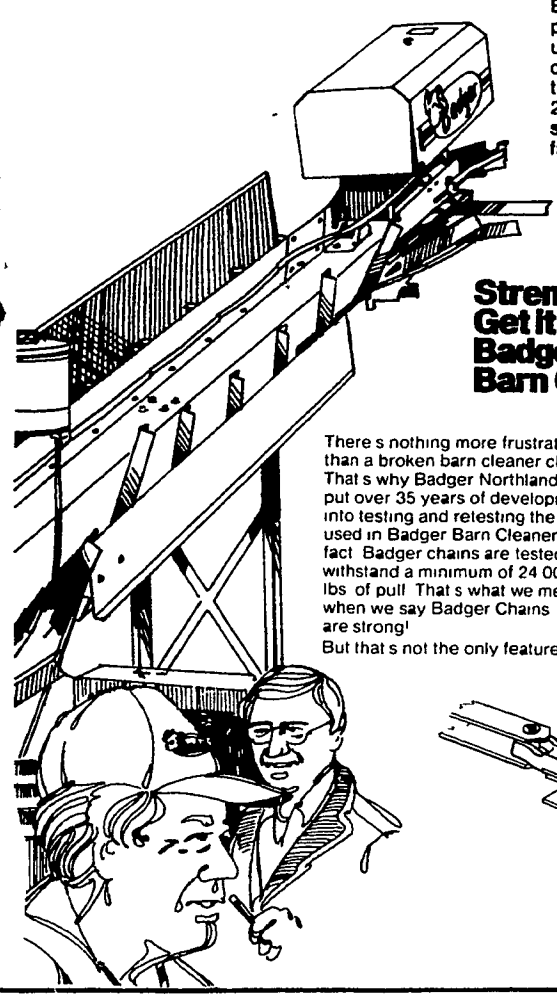
Three transmission options make this system ideal for stacking slab-semi-solid basin or structure-liquid operations

Two hopper options let you tailor to your needs and the Pow-R Ram easily installs in a self-contained concrete form

Add some punch to your manure handling system with a Pow-R Ram See your Badger Dealer now



Strength. Get it with a Badger Northland Barn Cleaner



There s nothing more frustrating than a broken barn cleaner chain That s why Badger Northland has put over 35 years of development into testing and retesting the chain used in Badger Barn Cleaners In fact Badger chains are tested to withstand a minimum of 24 000 lbs of pull That s what we mean when we say Badger Chains are strong!

But that s not the only feature that makes Badger Barn Cleaners strong The transmission is engineered for strength too It ll pull up to 550 feet of chain and that s long enough for even the biggest operations And Badger Barn Cleaners are backed by the best parts and service network anywhere

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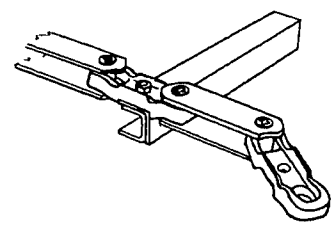

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Study shows who owns 4-WD tractors

COLUMBIA, Mo. — You can tell a lot about a farmer by the kind of tractor he owns, if a recent Missouri study is any indication.

The study showed that a typical owner of a four-wheel drive tractor:

- Farmed nearly twice as much land as his neighbor.
- Probably was "overpowered" in terms of horsepower per acre farmed.
- Managed to keep labor and machinery costs under control, but had higher production costs.
- Bought the tractor because it helped him do his work faster and more comfortably

Findings were part of the mail-in records study conducted by Myron Bennett and Caroll Kirtley, University of Missouri-Columbia farm management specialists. They studied 14 farmers who owned four-wheel drive tractors. They were compared to 42 selected crop farmers with similar operations in the same areas of the state.

Findings showed the farmers with four-wheel drive tractors farmed an average of 1,400 acres of cropland compared to an 800-acre average for the 42 others.

The average number of acres farmed per engine of horsepower allocated to crop production was 1.96 for those owning a four-wheel drive vehicle. A rule of thumb was that grain farmers should have one horsepower for three crops of acres.

"Based on this guide," the economists said, "these 14 farmers are overpowered. Yet their labor and machinery costs per acre are not higher than average costs reported by other crop farmers who are particiating in the Mail-In Record program."

In addition to their four-wheel drive tractors, the farmers also own 2.9 other tractors. The farm management specialists said some of these other tractors are older models that are completely depreciated but are kept for specific uses such as spraying, applying fertilizer and so on.

Four-wheel drive tractors are basically used for tillage.

The owners bought the four-wheel drive tractors to substitute for labor, the economists said. They made the substitution without increasing their labor and machinery costs per cropland acre.

"Their labor and machinery charge per cropland acre was $2 less than the 42 crop farmers ($89 compared to $91) in 1980, but $5 higher ($82 compared to $77) in 1979.

"The startling difference," the economists said, "is that the average production costs were $10 to $15 per acre higher for farmers having four-wheel drive tractors.

"Since total labor and machinery costs were about the same, this difference was due to higher costs of fertilizer, chemicals, seed, cash interest paid, personal taxes, insurance, building repairs, etc.

When asked why they bought four-wheel drive tractors, the owners gave these reasons: "get all work done faster," "faster planting in the spring," "cheaper horsepower," "labor savings," "other neighbors' experience," "needed investment credit," and "bought for the same price as two-wheel drive tractors."

They also said the four-wheel drive tractors "don't pack soil" (11 of the 15 tractors had dual wheels), "can get through wet spots," "more comfortable," "can get jobs done on a more timely basis," and "can farm more land."

Supply-demand report available

WASHINGTON, D.C. — Beginning in June, the World Agricultural Supply and Demand Estimates — published by the U.S. Department of Agriculture's World Agriculture Outlook Board — will be available only on a paid subscription basis.

According to Terry Barr, acting head of the World Outlook Board, this move reflects current budget constraints and a government-wide effort to recover publication costs.

The April 13 and 23 and May 11 issues of the report will include a paid subscription form which readers may send to the Superintendent of Documents to continue to receive copies after June 1.

A limited number of issues will be provided at no cost to land-grant university libraries and to the news media, Barr said.

The subscription fee will be $30, domestic, and $37.50, foreign. Single copies may be purchased for $2, domestic and $2.50, foreign, from the Superintendent of Documents

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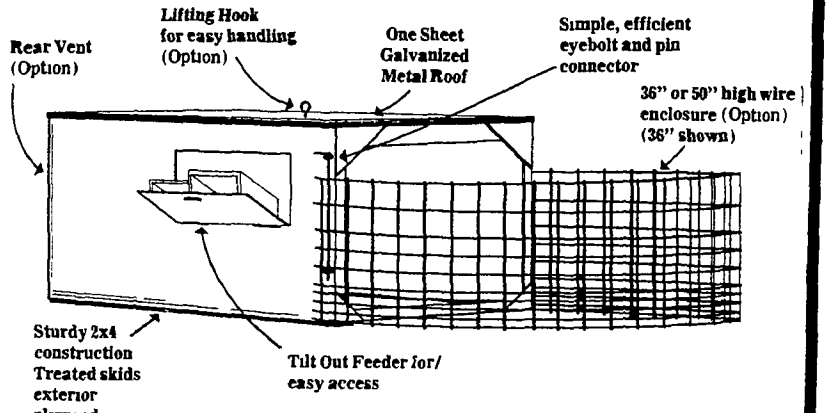
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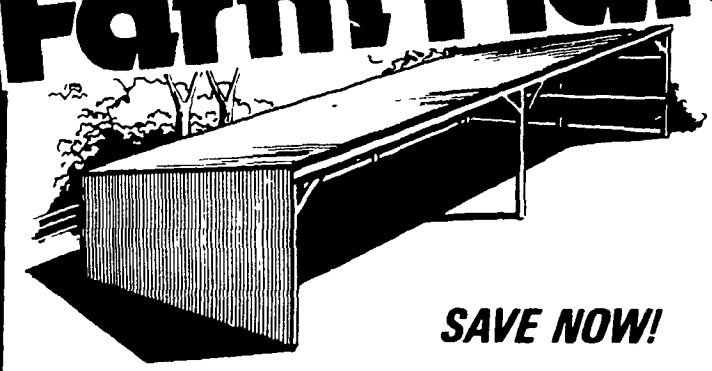

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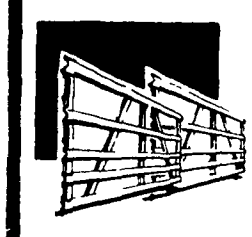

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Ag Council of America holds elections

WASHINGTON, D.C. — Lawerance V. Gray, a Nampa, Idaho, farmer, has been elected chairman of the Agriculture Council of America for a one-year term.

Gray, owner of LV. Gray Farms Inc., succeeds Roger Clark, a cattle-and-corn producer from Brady Neb., and vice chairman of Farmland Industries.

Lawerance and Mary Lou Gray and two of their three sons grow potatoes, sugar beets, mint, beans, spinach, sweet corn, barley and silage corn.

Gray has been active on the Idaho Bean Commission since the 1960's and also participates in school board, Beet Growers Association, Idaho Agricultural Stabilization and Conservation Service Committee and University of Idaho Agriculture Consulting Council activities. He has been active in ACA since 1975.

Other officers chosen by the board of directors at their recent annual meeting in Washington were Adrian J. Polansky of Belleville, Kan., the National Associaiton of Wheat Growers and the Kansas Wheat Commission, chairman-elect; Floyd Wahlgren of Gothenburg, Neb., and the Nebraska Corn Development, Utilization and Marketing Board; and Gene N. Weih of Tipton, the Iowa Corn Promotion Board. All are active farmers.

Allen Paul of Washington, D.C., chief executive officer of the nationwide independent, nonprofit association since its formation in 1973, was reappointed president.

The members of ACA at their annual meeting voted to

Re-elect to the board of directors for one-year terms, in addition to Gray, Hugh Flanders of International Harvester, Chicago; E.L. Hatcher, Lamar, Colo., NAWG, Colorado Wheat Growers Association and a past ACA chairman; Ronald Hoener, Pratt, Kan., NAWG and the Kansas Association of Wheat Growers; David Phillipson, the Upjohn Co., Kalamazoo, Mich.; Melvin Sprecher, Land O'Lakes, Sauk City, Wis.; Ronald E. Vavrina, Vacin, Inc., Clarkson, Neb., National Farm & Power Equipment Dealers Association, and David Wothke, ELANCO Products Co., Indianapolis, Ind.

Elect Paul Brower of Gold Kist, Inc., Atlanta Ga., to the board of directors for one year, replacing Jean Rice of Gold Kist.

Elect Robert W. Bryan of Southern States Cooperative, Richmond, Va., to complete the unexpired term (one year) on the board of directors of Paul Mullinix of Southern States, who had resigned.

The new board of directors, in addition to electing officers, re-elected to the 1982 executive committed Clark, Flanders Phillipson, and Vavrina and Harold House, Louis Dreyfus Corp., Stamford, Conn.; Robert C. Lanphier III, DICKEY-john Corp., Auburn, Ill., and Fred W. Thorne, Deere & Company, Moline, Ill

Jack Felgenhauer of NAWG and the Washington State Wheat Commission, Spokane, was newly elected to the executive committee.

The directors also gave final approval to a series of organizational changes and by-laws amendments that will become fully effective in 1983. Major changes include reductions in the size of the board of directors (from maximums of 51 to 25) and the executive committee, elimination of the office of vice chairman, a new dues schedule and formulas for funding of special projects and creation of a new board of delegates.

Under that structure, the board of delegates — through which voting rights of members will be exercised — will elect the board of directors and recommend positions on programs and operations. The smaller board of directors will assume greatly increased responsibility for direction of the organization, although the executive committee will continue to be appointed by the board and to direct the staff. Standing committees on both programs and organizational matters will advise the boards.

The agriculture Council of America is an organization of producers, farmer-owned cooperatives, agricultural associations and local and national agriculture-related businesses. It serves as a forum for uniting agricultural interests on solutions to problems of common concern and a source of factual, consumer-oriented information about modern agriculture.

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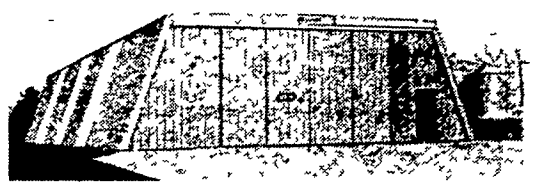

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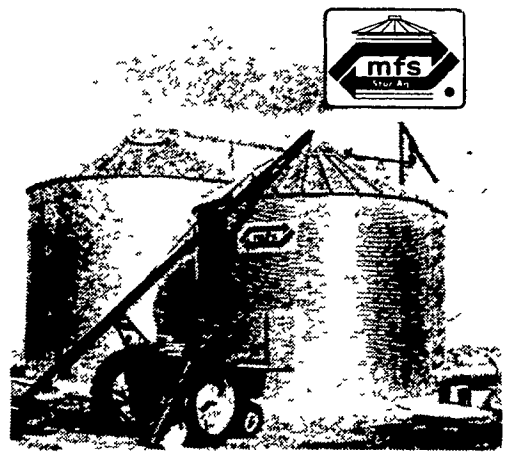

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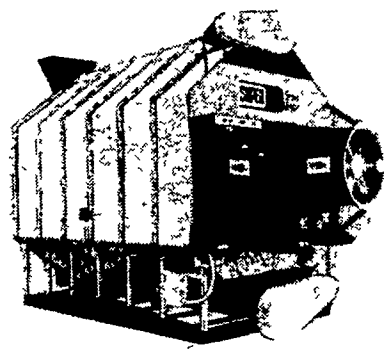

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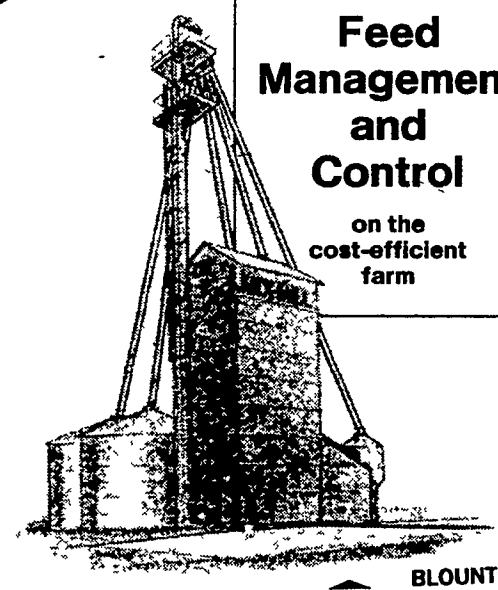

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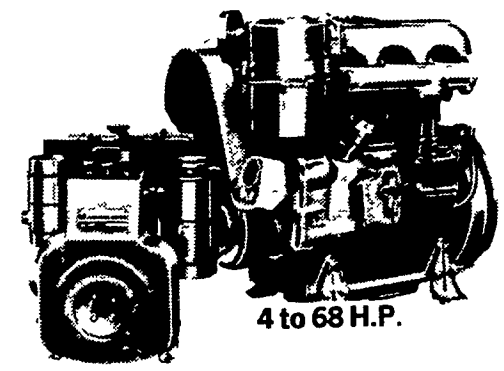

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100	539	720	900	1078
110	593	792	989	1187
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130	688	936	1170	1376
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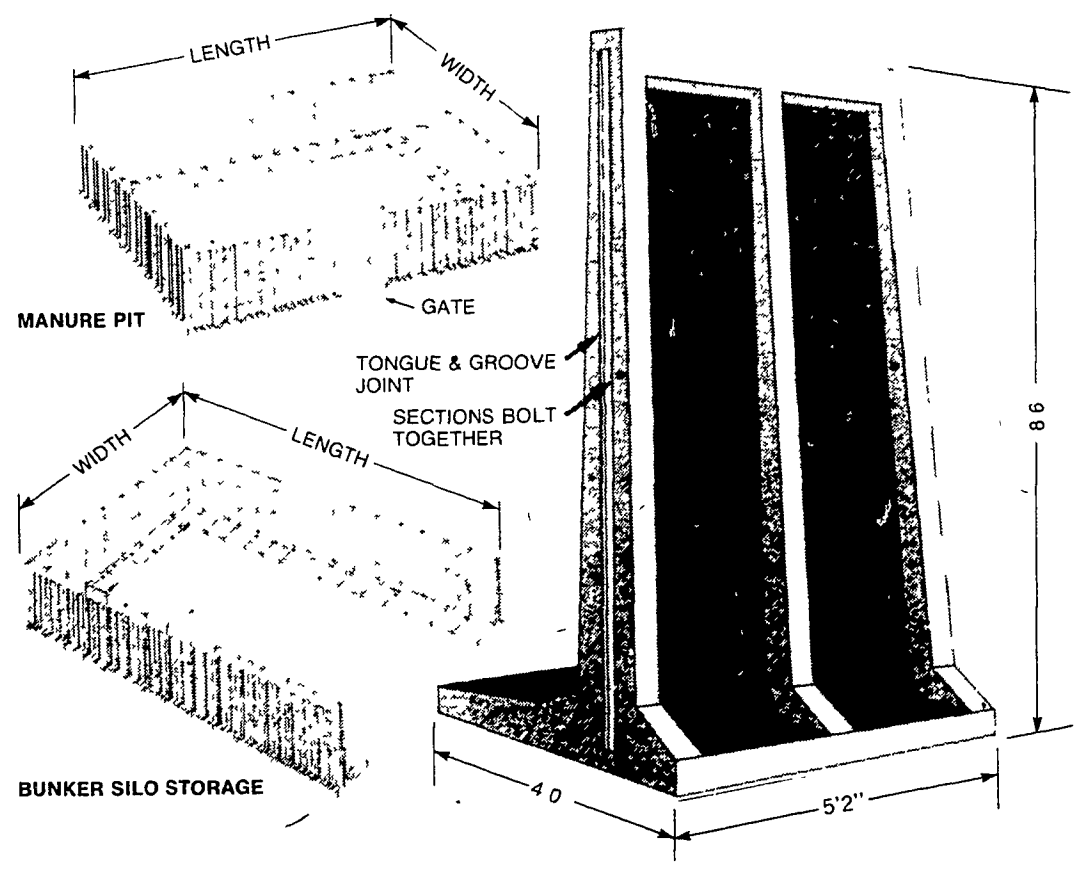

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Atlantic bulls get ratings

LANCASTER — Three new "Excellent" bulls resulted from a recent classification at Atlantic Breeders Cooperative, Lancaster by Clarence Cornman, official type inspector for the Holstein Association.

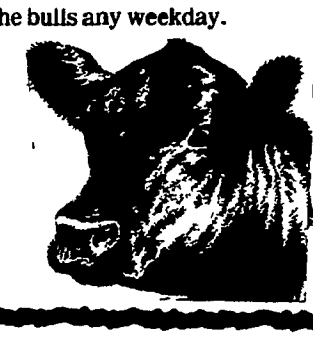
15H180 Le-Del Ideal Superior was raised two points to become "Excellent" at 90 points, 15H276 Lovdal Magnet Chief Falcon went from "Very Good"-86 to "Excellent" at 90 points, and 15H300 Killdee Apollo Lola's Linkpin was raised from his previous score of 88 points to "Excellent" at 90.

Type scores also improved for many Al-proven Pennsylvania-bred bulls at Atlantic. Two bulls jumped from the "Good Plus' level to the "Very Good" category. 15H277 Singing-Brook Starmate was raised four points to become "Very Good" at 85 and 15H253 Richlawn Shalimar Sidney advanced three points to 86.

Three other proven Pennsylvania bulls added points to their previous "Very Good" scores. 15H231 Kingway Elevation Very was raised one point to become "Very Good"-86, 15H221 Sinking-Springs Rocket Mandate scored two points higher to reach "Very Good"-87, and 15H247 Glen-Valley First Foreman received one more point for a new total of 88.

Other bulls previously scored "Excellent" remained in that category. Several sampled sires improved from the "Good Plus" level to become "Very Good," and a number of young sires made "Very Good" on their first appraisal for conformation.

Resulting from this classificaton, seven "Excellent" and 35 "Very Good" bulls are now housed at the Cooperative's headquarters. Dairymen are invited to visit the facilities and see the bulls any weekday.



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Researchers develop soybean varieties suited to no-till

COLLEGE PARK, Md. — Agronomy researchers for the Maryland Agricultural Experiment Station have begun efforts to develop new soybean varieties especially suited to no-till double-cropping methods.

As double-cropping under no-till cultivation methods increases in popularity throughout the state, researchers have found older varieties of soybean lines have not given yields or shown disease resistance most farmers and researchers expected, according to William J. Kenworthy, noted soybean breeder for MAES and an associate professor of agronomy at the University of Maryland, College Park.

No-till cropping is a cultivation practice in which a crop such as soybeans is planted directly into the stubble of a previously harvested crop without plowing or other methods of breaking the topsoil.

"Nationwide, breeding programs for no-till, double-cropping practices are only four or five years old and have centered for the most part in southern states like Georgia, North Carolina, Virginia and Kentucky," says Kenworthy.

"This year, Maryland has begun its own breeding program for double-cropping soybeans, one that is specially suited to Maryland's growing conditions," he adds.

Existing full-season varieties under double-cropping cultivation have shown reduced yields, according to Kentucky. And Maryland's characteristic warm and humid climate during plant maturation at the end of the summer provide the optimum climatic conditions for fungal seed diseases that affect seed stock quality.

Maryland's breeding program, therefore, will emphasize identifying those plant traits that appear to limit double-cropping soybean productivity, says Kenworthy. This will make it easier for researchers to breed for characteristics more adaptable to Maryland's climate and particularly to no-till double-cropping cultivation methods.

Kenworthy adds that the researchers have "several promising new lines" now; but they will require additional testing before seed stock is available for release to farmers.

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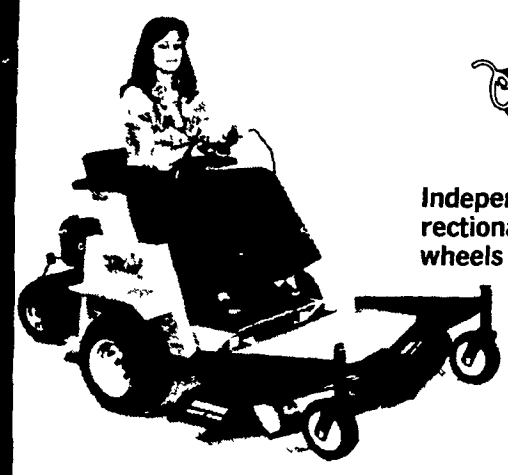

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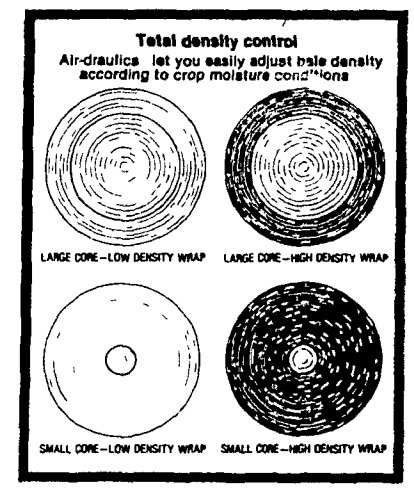
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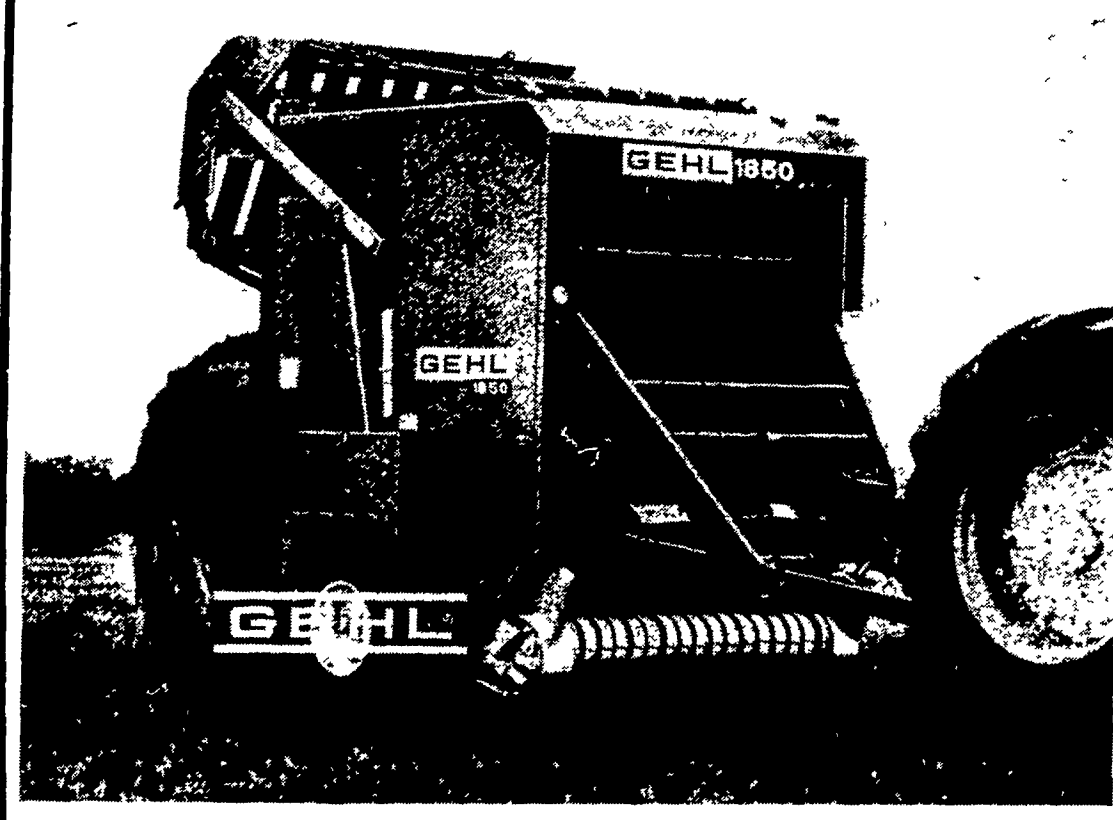
SMALL CORE—HIGH DENSITY WRAP



Waiver of Finance on Gehl Hay and Forage Equipment until June 1, 1982 and on Mix-Alls and Skid-Steer Loaders until Sept. 1, 1982

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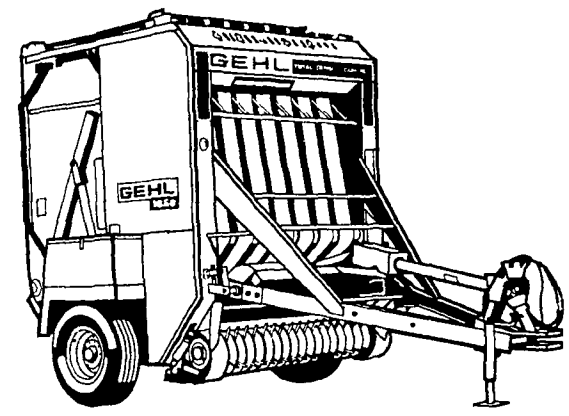

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Computer network can help USDA export drive

LINCOLN, Neb., — A joint pilot computer project of the U.S Department of Agriculture and the University of Nebraska could lend extra punch to U.S. export expansion efforts, particularly for value-added products, Secretary of Agriculture John R. Block said last week.

Block said the pilot project — in which foreign agricultural trade leads are sent to U.S. suppliers on a University of Nebraska computer network — was put into operation last week by the university-sponsored system called AGNET in cooperation with USDA's Foreign Agricultural Service, which provides the trade leads.

AGNET is an information delivery network designed to be used by people with no previous knowledge of computers. This system can assist users in three general areas: helping to solve agricultural and home management questions; providing timely information to keep users up-to-date on market conditions, trends, predictions and USDA national news releases; and assisting communications by providing an electronic mail and conferencing service.

Block's visit to the university was one of several stops and speaking engagements he had scheduled around Nebraska.

"Time can be crucial in the highly-competitive agricultural export business," Block said. "This new system could permit same-day response by American companies to requests for agricultural products made by foreign importers to U.S. agricultural attaches and counselors throughout the world.

"The link with AGNET adds a new dimension to the highly successful FAS Trade Opportunity Referral Service, or TORS," Block said. "For 10 years foreign trade leads have been cabled to TORS by our attaches and sent to the appropriate suppliers by computerized mail. Mailing takes time — up to six days for some California exporters — but even with the delay, it has proven effective. We were able to credit more than $150 million worth of new export business last year directly to TORS contacts.

"The new system, in which FAS computers can put trade leads into AGNET immediately after they are received, should provide the opportunity for a substantial increase in this business.

Block said the TORS mailing list of trade leads would be continued to companies that want them, along with the weekly listing of trade leads in USDA's "Export Briefs" report.

He credited state departments of agriculture with helping to build the TORS list of U.S. agricultural suppliers from a few hundred at the start to more than 7,000 today. He said foreign requests for U.S. products through the system average more than 55 per week.

"Most requests are for value-added products," Block said. "These are processed food items — canned fruits, vegetables, meats, literally hundreds of food items that create jobs as they are transformed from raw materials off the farm into consumer-ready products."

Block said U.S. exports of these products totaled between $12 billion and $13 billion last year and USDA is making a concerted effort to expand this segment of U.S. agricultural trade.

"Bulk commodities — grains, soybeans and cotton—will continue to be our export mainstay," he said, "but the United States has the most advanced food technology in the world, and we should take advantage of that in the world market."

He said the trade lead project is another step in the USDA drive to improve its global information gathering, analysis and transmission system in support of export expansion. Block said work is underway, using State Department satellite telecommunications, to link all overseas agricultural attache posts with Washington by computer.

The pilot trade lead project with AGNET will run for 90 days, after which a decision will be made on whether to make it permanent, Block said.

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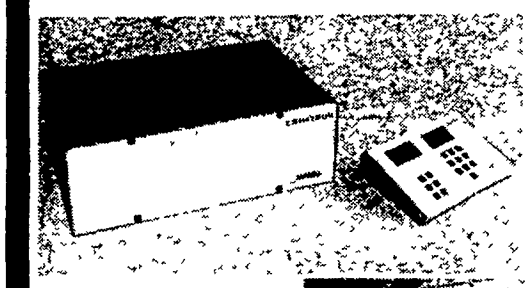

Model F-26

- CODATRON feed program with 24-hour cycle (24 intervals)
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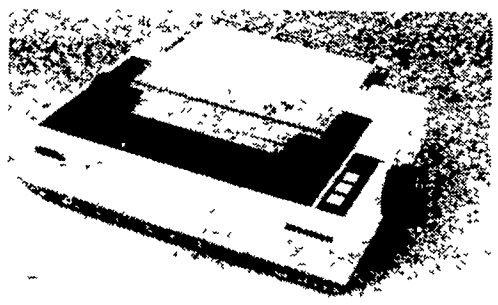
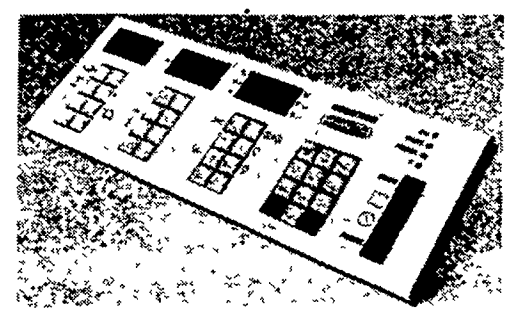
  - daily consumption
  - daily consumption per feeding box
  (for all types of feed)
- A percental increase or reduction of the daily feed ration can be implemented for the whole herd (changes in the quality of the feed)



Printer

A printer can be supplied on request for the models F 26 and L which prints out the data stored in the central computer either automatically or on request The printer is a useful extension to the cow calendar and is practically indispensable for herd management Uses standard 8½"x11" computerized paper not an adding machine type paper



Model L

- Cow calendar
  - input of calving date
  - rutting-season and with calving time control
  - determination of lactation stage
  - input of date of dry time
  - start of concentrate feeding before calving
- The control panel already has the functions for milking parlour operation (storage of the various data for each cow)

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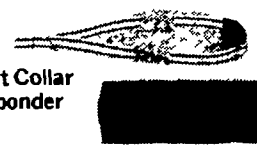

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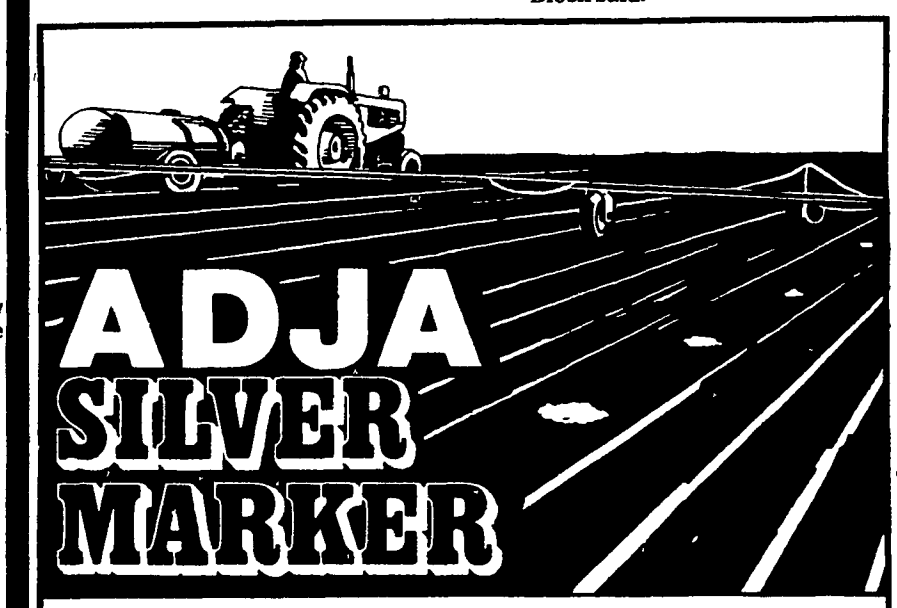

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Perry County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

February 1982

OWNER	NO COWS	% DAYS IN MILK	LBS. MILK	LBS FAT
Kenneth R Benner	60 8	89 3	19,899	777
Ray E McMillen	66 9	86 2	20,978	774
Benjamin E Dum	47 7	91 5	20,627	762
Milmay Farm	55 4	89 9	19,036	723
Ed & Wilma McMillen	40 7	86 5	19,009	721
Milligan Bros	66 1	88 7	19,220	721
Dean McMillen	41 5	84 7	18,699	709
Alfred Albright	94 9	86 6	19,295	709
Carl McMillen	81 5	88 7	17,445	703
Robert & Bernice Gabel	42 1	88 7	18,757	702
Donald Dum	34 7	90 5	18,685	699
Frank Rice	52 0	88 8	18,677	692
Richard Maurer	49 8	88 3	17,697	692
Dumbelle Farms	46 2	88 7	18,958	689
Max Reapsome	51 4	85 4	17,676	688
Wm Martin & Sons	143 4	87 4	17 849	682
Charles C Byers	25 6	96 2	18,742	681
Oscar & Winnie Campbell	56 3	87 4	18,233	678
Dean Loy & Son	50 0	87 8	18,915	677
Nevin G Rice	81 9	89 8	17,745	675
Edwin L Sheibley	61 8	82 9	19,311	673
Richard G Smith	52 3	87 1	18,276	671
John E Book	37 8	89 1	17,858	665
Dale Smoker	67 6	87 2	18,109	665
Richard Kreibel	43 7	86 3	17,373	661
David H Weller	45 3	85 2	17,171	654
Philip Brubaker	51 7	86 5	17,441	647
Bratton View Farm	71 8	88 6	17,513	643
Harry R Book, Jr	42 7	89 1	17,138	636
Ray L Kling	60 8	90 9	17,907	636
Eugene M Nolt	45 3	85 9	17,675	633
Fred & Nancy Neely	35 8	84 7	16 375	630
James M Palm	49 6	86 7	17,176	627
John O Toole & Sons	52 1	88 5	16,896	626
J W & C C Achenbach	42 8	94 7	17,217	625
Mt Home Farm	88 2	87 6	16,558	621
Delmar Brofee & Sons	116 3	85 2	17,168	610
Dobbs Brothers	28 5	84 2	16,766	607
Clarence S Martin	53 0	86 0	17 616	607
M W Smith Farms	58 5	85 8	16,777	602
Perry M Kretzing	88 9	86 7	15,607	601

Listed below are completed lactations of 650 lbs of butterfat

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK		LBS FAT
Carl E McMillen						
Buster	H	6 3	305	19,684	4 3	846
Yvette	H	4 7	305	18,311	4 1	748
Kami	H	5 1	305	16,057	4 6	731
Yukon	H	4 4	305	21,250	3 6	775
Q Ball	H	3 5	305	17,705	4 4	774
Ecstacy	H	3 3	284	16,706	4 0	676
Treasur	H	2 10	305	20,352	3 4	701
Ray E McMillen						
Burke	H	6 3	305	21,019	3 4	721
Jerry	H	5 5	305	22,703	4 1	924
Paw	H	3 11	287	19,275	3 8	738
Nevin G Rice						
130	H	7 2	305	21,590	3 8	822
163	H	6 0	288	16,188	4 3	698
Max Reapsome						
Alrada	H	5 8	305	17,932	3 7	672
William F Martin & Sons						
172	H	6 4	305	20 603	3 4	702
216	H	5 6	305	21,325	3 7	779
234	H	5 1	305	18,193	3 9	718
375	H	5 1	305	17,184	4 1	699
Mt Home Farm						
375	H	4 6	305	20,042	3 6	727
382	H	4 1	305	18,232	3 8	684
Donald Dum						
Terro	H	5 4	305	21,677	3 7	811
Benjamin E Dum						
Eater	H	5 11	305	24 038	3 4	810
Dumbelle Farms						
Charm	H	1 5	305	22,108	3 7	826

(Turn to Page D16)

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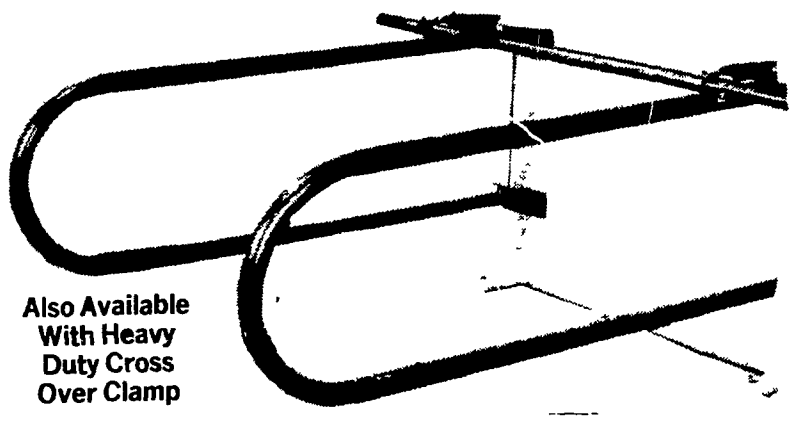
With EASY LIFT TRAINING BAR
Which Prevents Trapped Cow Problems



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- Chicken House Walls
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- House Foundation Walls
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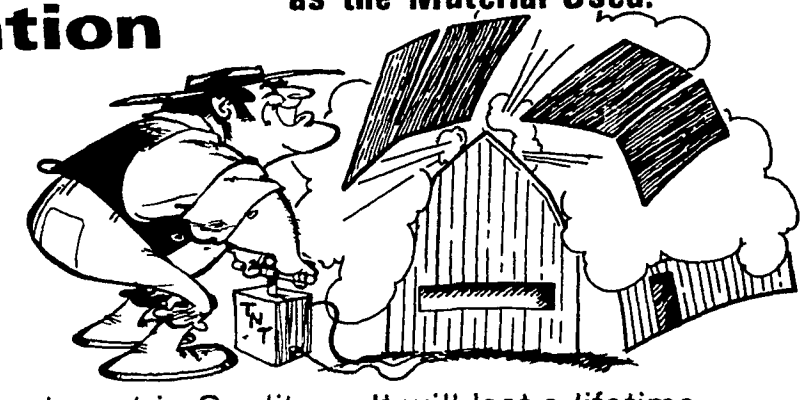

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Many, many items you will find useful on the farm. Hurry, before the best bargains are gone!

Shop tools and equipment

Work benches, vises, bench grinders, hand hydraulic jacks, 5 ton hydraulic floor jacks, transmission jacks, air wrenches, drill motors, oxy-acetylene torch and hose sets, electric welding equipment, lubrication equipment, valve grinders, boring bars, surface grinders, electric drills, parts washers, plus other shop tools and equipment too numerous to mention.

Materials handling equipment

Many fork lifts, various types of hand trucks, some for handling barrels, large hand trucks, large lifting bars, conveyor sections, metal banding, strapping machines, and much more you will find useful in your operation!

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There is an area covering 38 acres with tractors used in our trucking business, and trailers of all sizes and descriptions These are very convenient for storage trailers for all types of applications All this equipment has been very well maintained, right up to the moment the decision was made to stop the shipping business

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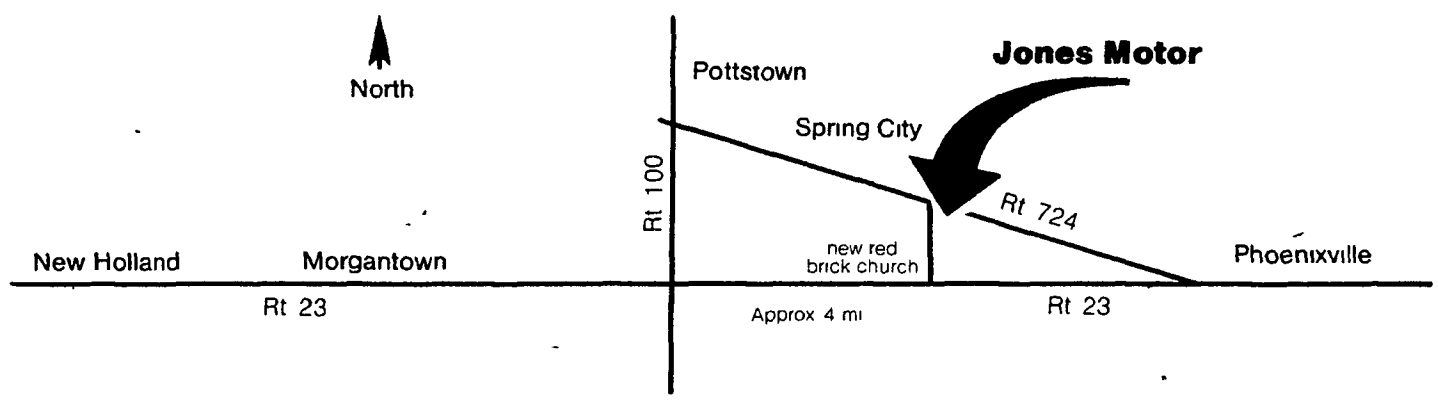


Call for more information, but better yet, hurry over before the best buys are gone!

Jones Motor Co.

Spring City, PA 19475
(215) 948-7900

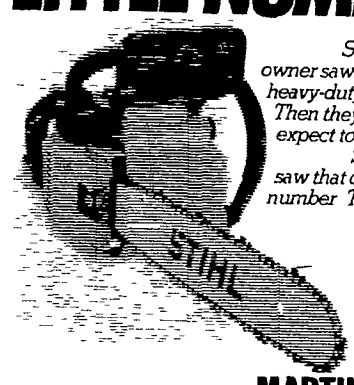
Perry Co. DHIA

(Continued from Page D14)

Ingrid	H	2 1	305	22,392	3 3	742
David Trout						
224	H	6 7	305	18,573	3 6	676
Frank Rice						
Jet	H	4 4	305	21,419	3 6	769
Karen	H	2 5	305	14,618	4 5	659
Milligan Bros						
Melinda	H	3 1	305	17,275	3 8	653
Dean Loy & Son						
Patty	H	5 4	305	24,942	3 2	807
Ray L Kling						
Triune	H	9 0	305	25,219	3 9	973
Jenny	H	9 10	305	19,595	3 9	774
True	H	5 6	305	23,759	3 7	872
Handy	H	4 9	305	19,620	4 0	780
Mat	H	3 4	305	17,731	3 7	651
Airy View Farms						
518	H	5 8	305	18 045	4 2	766
Richard L Maurer						
Paulea	H	5 11	305	19 766	4 1	807
Connie	H	3 0	305	20 153	3 8	763
John E Book						
5	H	1 11	305	17,078	3 9	670
Bratton View Farm						
Mazie	H	10 2	303	17 774	3 8	671
Suzette	H	7 5	305	21 283	3 5	753
Sherrie	H	6 7	305	16,214	4 2	673
Kenneth R Benner						
Sophy	H	4 9	305	20,262	4 4	895
Nice	H	4 4	305	21,843	4 5	974
LouLou	H	3 2	305	21,357	3 4	717
Oscar & Winnie Campbell						
Sara	H	5 3	305	18,156	3 8	693
Serilda	H	5 7	305	20,675	3 7	756
Charles C Byers						
Janet	H	3 8	305	22,494	4 0	896
Perry M Kretzing						
46	H	7 3	305	20,856	4 1	859
David H Weller						
Cidney	H	7 4	305	22 751	4 0	911
John B Sauder, Jr						
85	H	3 4	305	17,989	3 8	680
Dean McMillen						
Winnie	H	5 5	305	24 964	4 0	990
Lassie	H	3 0	305	18,452	3 7	674
Richard G Smith						
55	H	6 3	305	18,462	4 3	797
Fred & Nancy Neely						
Hannah	H	8 5	296	22,470	4 1	926
Clarence S Martin						
36	H	8 5	305	19 514	3 5	681
Duane L Hertzler						
Greta	H	5 8	305	16,809	4 3	715
Ed & Wilma McMillen						
Reta	H	4 5	305	18 110	3 8	683
Gary H Haas						
Birdi	H	7 6	305	17,494	4 1	717
Dale Smoker						
11	H	6 5	305	23,885	3 1	752
36	H	8 5	305	20,746	3 5	729
146	H	8 5	305	23,018	3 7	857
Philip E Brubaker						
36	H	3 9	305	21,517	3 5	745
11	H	4 7	305	22,148	3 8	833
55	H	2 11	305	17,645	3 9	692
Edwin L Shelbley						
Anita	H	7 5	305	24,312	3 9	950
Henry S Lapp						
13	H	5 5	305	19,028	3 7	710
36	H	4 4	305	22,776	3 4	765
Arthur E Dum, Jr						
Dolly	H	4 5	305	19,872	3 6	721
Cedar Lane Farm						
49	H	8 10	305	18,299	3 6	657
San Rae Farms						
Sag	H	5 6	305	20,645	3 4	693
J W & C L Achenbach						
Crissy	H	5 4	305	19,681	4 3	843

(Turn to Page D17)

THE STIHL 010. IT'S ONE TOUGH LITTLE NUMBER.



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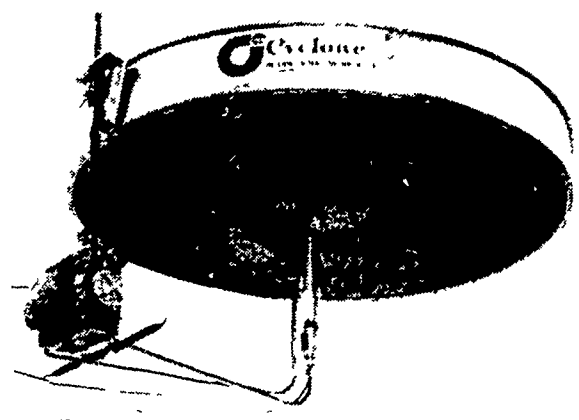

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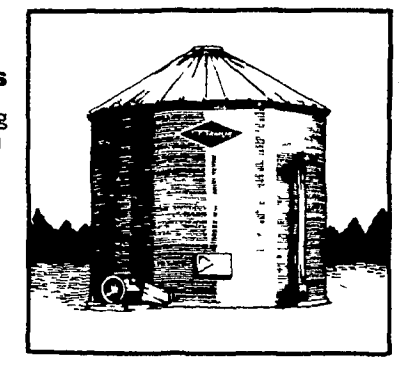
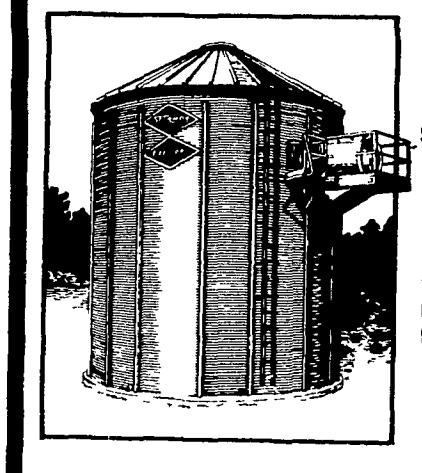


Stormor® Grain Bins
• Heavy steel construction • Rock-solid anchoring
• Capacities 1,400 to 152,000 bu



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CUMBERLAND COUNTY DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

February 1982

Cumberland County Dairy Herd Improvement records show that 8,757 7 cows in 144 herds were on production testing in February according to Duane G Duncan, County Agent Of the 123 herds on DHIA, 29 herds had an average fat production of 600 pounds During the month 67 completed their 305 lactation with 650 lbs of butterfat DHIA Supervisors working with the dairymen to improve efficiency include Harold Boldosser, 130 Old Gap Road, Carlisle, Paul Wynn, RD #1, Box 88, Newburg, Jay Zeigler, RD#1, Carlisle, and John Rolar, RD#2, Newville The following are the highest of actual butterfat in 305 days or less in the county during the month The age listed is her age at the time of freshing

OWNER NAME OR NO		AGE	LBS. MILK	LBS FAT
J B Brymesser & Sons 254	GH	4	20,965	906
Paul B Sensenig Canda	GH	6	22,272	871
Paul Strock Tapper	RH	4	23,773	860
Silver	RH	4	23,670	838
Marlin Miller & Sons 60	GH	4	28,871	835
Samuel D Shenk Sugar	GH	3	20,323	825
Elmer Gettle Molly	GH	6	21,379	804
Roy E Snoke Elva	RH	4	22,703	800
Freshair Dairy Farm Star	RH	5	23,434	799
Ashcombe Farms 106	RH	4	20,217	799
Roy L Coover 30	GH	4	16 490	791
J B Brymesser & Sons 244	GH	5	18 415	782
John F Stoltzfus Sandy	RH	4	20,069	781
Paul Basehore Clara	GH	11	22 938	779
Paul Strock Hawkeye	RH	4	21,512	779
Chester C Weaver Salt	GH	6	21,321	772
Samuel D Shenk Beverly	GH	4	20,869	768
Paul Strock Swifty	RH	2	19,247	767
Crissie	RH	5	19,525	756
Aline	RH	3	20,204	753
Paul B Sensenig Darla	GH	7	20,106	752
Mervin E Ruppert Fudge	GH	4	15,551	747
Ashcombe Dover Dairy 299	GH	6	23,535	741
Otto Brothers 242	GH	6	22,344	741
Merle & Sharon Dice 52	GH	5	18,004	740

Rolling Herd Averages For February

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS MILK
Ferman L Landis	B3	39	88	18,145
Nevin Shughart	B3	31	90	18,436
Sundays Vallilea Fms	B3	125	90	19,191
Paul Strock	3	127	89	18,456
M Thomas Sheaffer	3	55	86	18,085
Berkheimer Farms	B3	141	88	17,374
Carl Kelso, Jr	B3	60	91	18,300
Alfred Gaisler	B3	44	90	17,896
Samuel D Shenk	B3	58	88	17,347
John F Stoltzfus	3	45	87	18,709
Paul B Sensenig	B3	34	85	17,520
Elmer Gettle	B3	50	86	16,570
Norman Hertzler	3	38	87	17,623
John M Lippert	3	40	87	17,509
Donald & Dave Lehman	3	74	89	17,193
Edward L Brackbill	3	29	89	16,034
Ashcombe Farms	B3	274	87	17,369
Merle & Sharon Dice	B3	31	89	16,113
Lee G Davidson	3	60	90	16,566
Robert Strock	3	86	88	16,261
Paul Basehore	B3	36	82	16,753
Clifford Chamberlain	3	30	86	16,775
Paul O Dyarman	3	58	86	16,072
Thrush Brothers	B3	104	89	16,480
Roy E Snoke	3	32	87	16,729
Milk Way Farms	B3	161	87	15,993
D Clinton Sauder	B3	51	88	16,511
Mark A Naugle	3	52	86	16,663
David S Miller	B3	32	89	17,753

Otto Brothers 242	6	22,344	3 3	741
260	4	19,204	3 8	730
48	3	17,721	3 9	696
Robert Strock Lindsay	6	16,868	4 3	733
Margo	4	21,565	3 4	736
Sundays Vallilea Farms 67	4	19,746	3 5	689
9	3	20,212	3 3	660
Freshair Dairy Farm Star	5	23,434	3 4	799
John M Lippert Ivy	5	17,542	4 0	708
J B Brymesser & Sons 244	5	18,415	4 2	782
254	4	20,965	4 3	906
Creedin C Cornman Heather	7	17,981	4 1	735
Ashcombe Farms 32	9	16,989	4 0	675
168	7	19,719	3 5	691
106	4	20,217	4 0	799
139	4	20,903	3 4	712
299	3	20,633	3 6	741
Lee G Davidson Lady	3	19,362	3 7	713
Marty	3	18,621	3 7	685
Roy E Snoke Elva	4	22,703	3 5	800

(Turn to Page D18)

Perry Co. DHIA

(Continued from Page D16)

V Merry	H	5 3	305	24,658	3 4	844
Alice	H	2 1	305	19,406	3 7	709
Robert & Bernice Gabel Naudia	H	3 8	305	21 476	3 2	678
Wayne L Stephens Locket	H	4 6	305	20,299	3 7	755
M W Smith Farms Wanda	H	3 3	305	21,382	3 2	690

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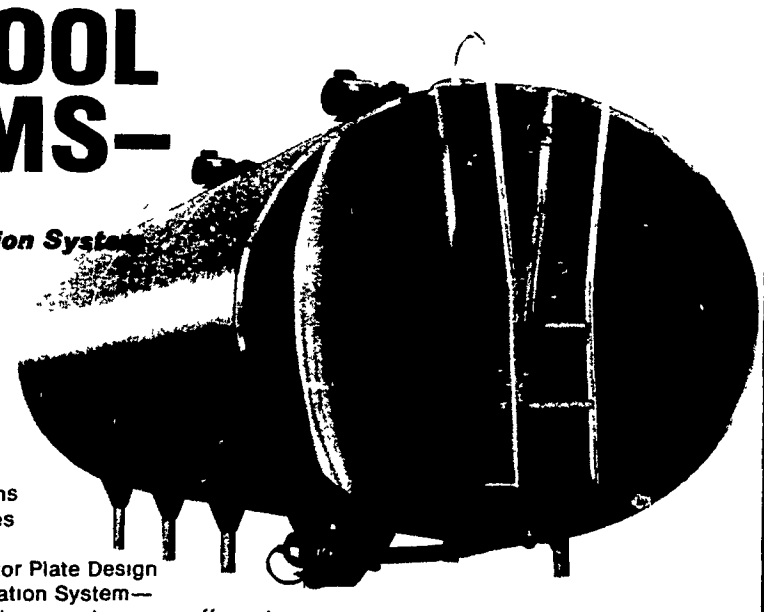
- *All New* FULL-FLOW Refrigeration System— Reduces head pressure and allows cooler, more efficient compressor operation



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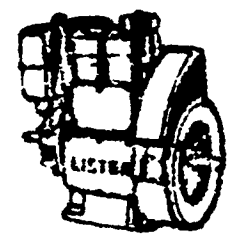

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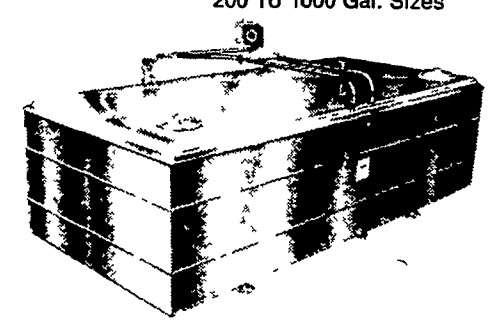

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Cumberland Co. DHIA

(Continued from Page D17)

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Hayley	4	17,486	4 1	719
Thrush Brothers				
95	6	22,900	3 2	736
26	5	20,875	3 3	695
Roy L Coover				
30	4	16,490	4 8	791
Paul Strock				
Crissie	5	19,525	3 9	756
Hawkeye	4	21,512	3 6	779
Silver	4	23,670	3 5	838
Tapper	4	23,773	3 6	860
Pat	3	19,078	3 8	731
Aline	3	20,204	3 7	753
Swifty	2	19,247	4 0	767
Paul O Dyarman				
Beauty	7	19,133	3 5	662
Ellie	3	16,841	4 0	680
Shellie	3	19,204	3 6	691
Edward L Brackbill				
15	6	17,740	4 0	718
Harry & Paul Hoch				
Julie	5	17,995	3 9	700
Merle & Sharon Dice				
40	6	19,313	3 5	668
52	5	18,004	4 1	740
Alfred Gaisler				
Jade	8	20,699	3 5	728
Elmer Gettle				
Molly	6	21,379	3 8	804
T Bell	5	17,573	3 7	654
Sally	3	16,611	4 0	661
Nanny	3	19,779	3 7	722
D Clinton Sauder				
Smiley	7	18,570	3 5	654
Fred B McGillvray				
Madam	4	19,602	3 7	724
Ross H Holtry				
96	5	19,555	3 5	686
Frank J Yost				
Dixie	6	17,020	4 0	686
Dorothy	3	17,597	4 1	729
Ashcombe Dover Dairy				
299	6	23,535	3 1	741
308	6	21,363	3 3	714
Paul Basehore				
Clara	11	22,938	3 4	779
Leroy Showaker & Son				
Nora	3	17 120	4 0	683
Chester C Weaver				
Salt	6	21,321	3 6	772
Samuel D Shenk				
Jane	7	19,371	3 8	737
Beverly	4	20,869	3 7	768
Sugar	3	20,323	4 1	825
Berkheimer Farms				
57	5	21,037	3 3	696
Glenn W Myers				
Peggy	5	20,811	3 1	653
John F Stoltzfus				
Sandy	4	20,069	3 9	781
Paul B Sensenig				
Darla	7	20,106	3 7	752
	6	22,272	3 9	871
Francis Mains				
14	3	17,071	4 1	700
Lucille Ocker Family				
Lana	6	18,406	3 7	680
Marlin Miller & Sons				
41	4	17,276	3 9	672
60	4	28,871	2 9	835
Mains Acres				
174	6	17,494	3 8	670

Block to visit Latin America

WASHINGTON, D.C. — Secretary of Agriculture John R. Block will visit Brazil, Argentina and Venezuela April 27-May 6 for a series of discussions with foreign government, trade and industry officials on mutual trade problems and opportunities for U.S. export expansion.

Block will be accompanied by the U.S. agribusiness group.

He said South America is a large and growing market for U.S. agricultural exports, with shipments in fiscal 1981 valued at $2.9 billion, up nearly a fourth from the previous year.

"Venezuela, for example, imported nearly $900 million worth of U.S. agricultural products last fiscal year," Block said. "And our market in Brazil was worth $843 million, including more than $500 million in wheat."

Noting that Brazil and Argentina also are major agricultural exporters, Block said he will be seeking support for U.S. efforts in doing away with barriers to free trade and unfair trade practices, emphasizing the European Community's use of export subsidies. He will also check the condition of the Brazilian soybean crop.

On his return trip, Block will stop in Jamaica to meet with Jamaican officials and to attend a meeting of U.S. agricultural counselors and attaches stationed in the Western Hemisphere. During these meetings, Block will discuss President Reagan's recently announced Caribbean Basin Initiative.

The Caribbean Initiative aimed at helping countries in the region strengthen their economies and become stronger trading partners with the United States. In fiscal 1981, U.S. agricultural exports to the Caribbean totaled $808 million, while U.S. imports came to $557 million.

USDA officials accompanying Block on the trip will be William G. Lesher, USDA's assistant secretary for economics, and Richard A. Smith, administrator of USDA's Foreign Agricultural Service.

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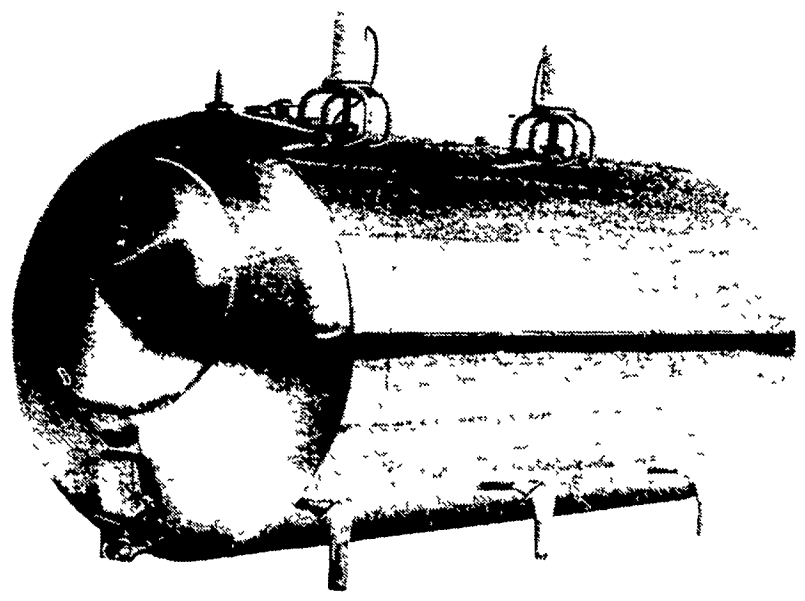

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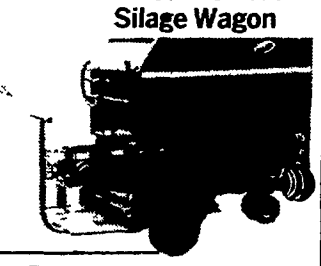

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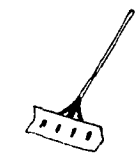

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

February 1982

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
William Brown	3	28.6	89.0	23,834	908
Ronald P. Davis	B3	35.5	88.7	20,038	792
Donald E. Harkness	3	50.6	88.3	19,726	754
Windham Valley Farm	B3	43.2	84.9	20,236	744
Robert Taylor	B3	45.9	86.9	18,897	743
Snowcrest Farm	B3	78.7	87 6	18,858	729
Elmer Comstock	3	60 1	82.7	18,235	727
Earl J Gamble	B3	41 0	85 0	18,086	724
Richard Packard	3	52 2	85 9	19,586	720
Bruce-Leslie Bresee	3	66 0	84 9	17,736	720
Timothy Brennan	B3	46.7	88 7	16,970	712
Matt Will	9	70 4	86.4	19,341	711
Ford Ridge Farm	B3	41 0	89 3	18,273	711
Marvin Berry	B3	41 5	87 4	18,995	706
Abraham S Derstine	3	57 5	88 3	17,845	703
Wayne H Lamont	B3	40 5	82 4	19,625	702
George M. Shell	3	40 3	85 6	17,670	699
Donald Jennings Jr	B3	104.0	89 7	18,757	697
Roe Russell Jr.	3	102 5	88 5	17,551	693
M. Kinsman & Son	3	106.6	85 6	17,866	692
Roof Farms	B3	31.8	88 0	18,689	691
Russel L. Jones	3	65.0	84 8	18,228	687
Dale Mattocks	3	68 7	90 5	17,791	684
Cragle Knolls	B3	49 4	91 8	17,558	679
Y Run Dairy Fms.	3	86 1	86.7	18,118	679
C & Keith Crain	3	51 5	88 3	18,062	673
Tom & Diane Elliott	B3	40 4	86.9	18,173	671
Elsbree Bros.	B3	69 2	86 0	16,670	670
Leona Holsteins	3	49.4	90 0	18,313	669
John Kolesar Jr.	B3	43.8	89.1	16,470	667
Hopps Hill Farm	B3	42.0	87.8	17,088	667
Leigh Sturdevant	3	70.6	90 9	16,163	665
Jeff & Karen Hale	B3	52.0	84 9	17,949	664
Lyle D Monro	3	88 4	86.9	18,302	662
Duane & Patty Cole	B3	37 6	87.3	17,880	662
V & R Allis	B3	48 1	86.2	17,248	661
Arthur D Wolf	B3	62 1	87.3	17,011	660
Kenneth L Prince	B3	65 8	86 9	17,330	659
Merle Bacon	B3	37 9	87 9	16,798	659
Fivebrooks Fm	3	73 4	88 0	18,363	659
Arlyn Wilbur	B3	47 1	87 4	17,021	658
Rob & Anna Cole	B3	54 1	85 6	16,487	658
Glen & Arlen Landis	3	77.3	87 5	18,154	656
Springcroft Farm	3	95 6	88 0	17,754	656
Lawrence A Swartley	G3	29 4	87 9	17,382	654
Stanley Saxton	3	67 4	84 7	17,141	653

This reports all DHIA cows that have produced 750 lbs. of butterfat or more in 305 days, PLUS 2 year old records of 600 lbs or more

OWNER NAME OR NO.	AGE AT CALVING		DAYS IN MILK	LBS. MILK	LBS. FAT
Bruce-Leslie Bresee					
Alan	3	3	305	21,496	786
Roe Russell Jr					
487	3	4	305	20,396	775
497	3	4	284	17,434	794
498	3	3	305	18,692	753

(Turn to Page D20)

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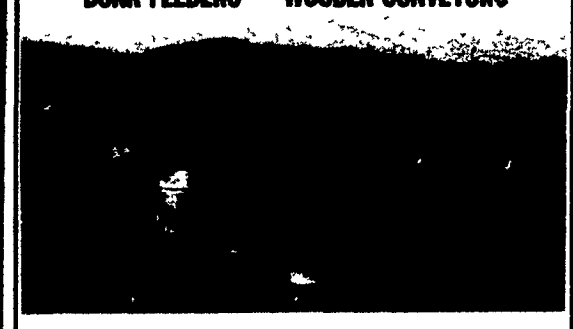

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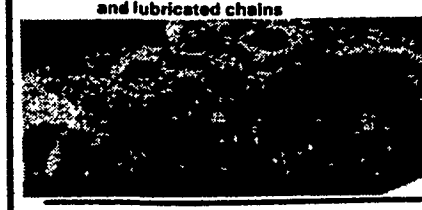

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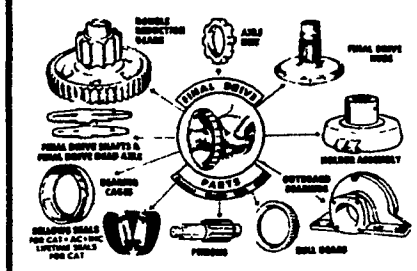

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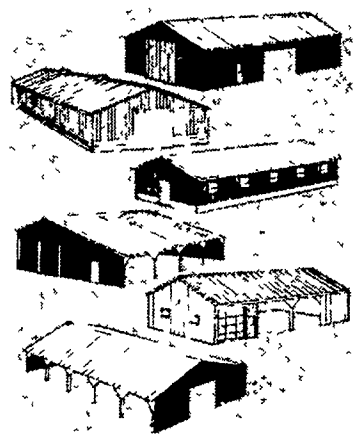

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(Continued from Page D19)

Kendale Farm Inc					
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Lynn & Bonnie Miller					
Babe	3	7	305	23,597	836
Shumhurst Farm					
Pallid	3	3	305	19,046	763
James Howard					
Cody	3	6	305	20,088	787
Oak	3	3	305	17,449	837
Bessie	3	3	305	21,469	796
Leigh Sturdevant					
Chris	3	7	305	18,792	909
Flo	3	4	297	19,124	867
Glen & Arlen Landis					
Connie	3	9	295	20,954	764
Dawson & Dave Moon					
Princes	3	4	305	20,198	756
William Brown					
Nanette	3	3	305	23,851	979
Ford Ridge Farm					
Gusie	3	8	305	19,133	791
Cyndy	3	3	305	21,440	778
Louis Sturdevant					
Delta	3	5	305	21,591	780
Oyl	3	5	305	21,851	767
Timothy Brennan					
Bertha	3	5	305	18,833	755
76	3	5	305	19,179	842
Springcroft Farm					
Judy	3	5	305	22,090	831
Sandy	3	3	305	21,563	784
Elmer Comstock					
Marcia	3	8	305	22,645	827
Molly	3	5	305	28,455	1125
Richard H Packard					
Brillo	3	5	305	24,678	920
H W Russell & Sons					
29 G	3	7	305	17,733	753
Richard D Wheeler					
Rae	3	4	305	19,734	777
Pinetop Farm					
Belle	3	5	305	19,757	760
Sheldon L Millard					
47	3	6	305	20,721	787
William Eick					
Peggy	4	5	302	15,567	772
Garry & Nancy Johnson					
10	3	3	305	18,198	788
34	4	3	305	19,077	818
Kenneth L Price					
2387	3	4	305	19,730	772

(Turn to Page D22)

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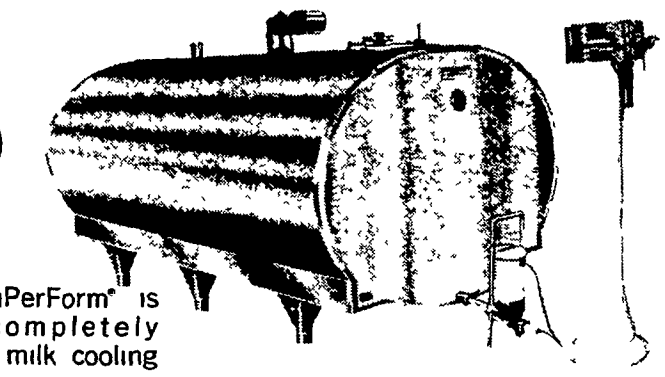

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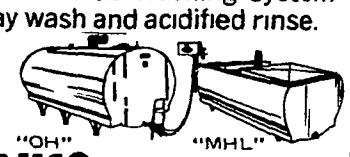

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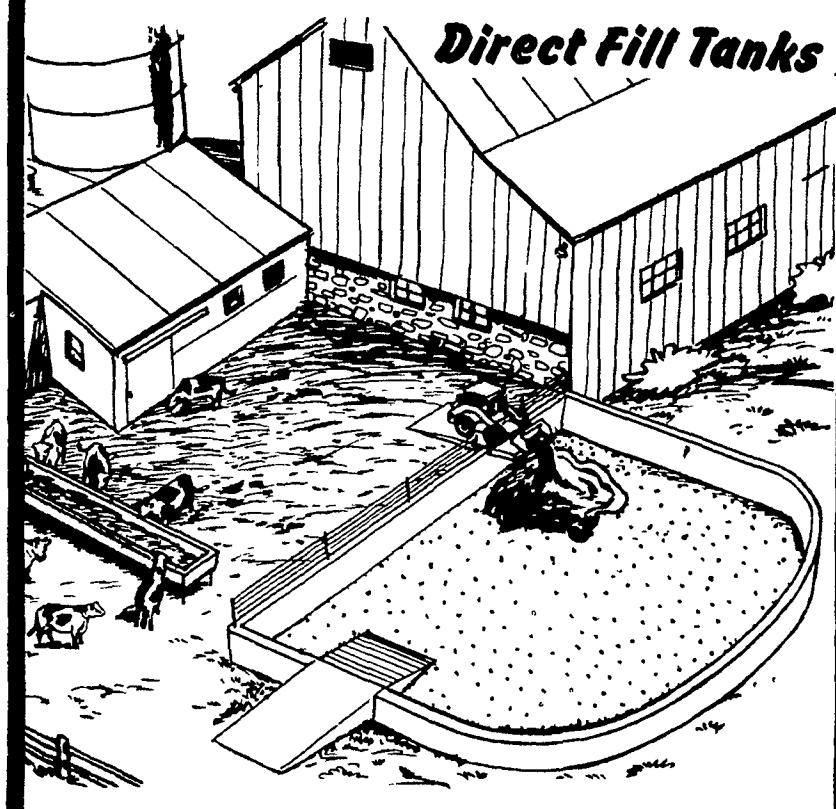

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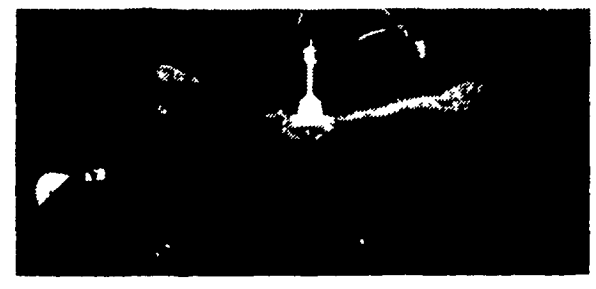

SPECIFICATIONS:
Ceiling fan model - CF56, Description - 56" vertical downward thrust fan, No. of speeds - 5 speed or variable, CFM air delivery - 19,200, Max. RPM - 285, Floor area affected - 1800 sq ft , Max air velocity - 750 ft /min , Volts - 110, Watts - 95, Gross weight - 24 lbs

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West's water supply outlook good

WASHINGTON, D.C. — Water supplies should be good to excellent for much of the West this summer, the U.S. Department of Agriculture and the National Oceanic and Atmospheric Administration reported last week.

Norman A. Berg, chief of the USDA's Soil Conservation Service, said melting snow should provide enough runoff this coming spring and summer to meet the region's need. About 75 percent of the West's water supply comes from snowmelt.

Of all the West's water, some 83 percent is used for agriculture.

Heavy February rains and warm temperatures melted some of the Pacific Northwest's snowpack. Some local flooding resulted, but damage was not severe.

Reservoir storage is near normal for all states. Most reservoirs in the Columbia basin are expected to fill.

Berg gave this outlook by state:

Alaska: Snowpack is poor in the Brooks range and south central areas, but near normal elsewhere.

Arizona: Heavier than normal February storms improved runoff forecasts in many areas. The Salt River now is 150 percent of normal, but the San Francisco River is only 42 percent of normal.

California: Snowpack is below normal in the north and normal to above normal in the south. Water supplies should be adequate.

Colorado: Snowpack conditions remain above normal and water supplies should be adequate.

Idaho: The panhandle received good February moisture. Streamflow should be near normal in the north and above normal in the south.

Montana: Streamflow is forecast to be near normal in nearly all areas except the Judith-Musselshell, Big Horn and Tongue drainage areas which are below normal.

Nevada: A mid-February storm added snow at higher elevations, but lower elevations received less than expected. Prospects remain good for adequate water supplies.

New Mexico: Precipitation during February ranged from normal to nearly four times normal. Streamflow will be as much as 120 percent of normal. Reservoir storage is excellent.

Oregon: Streamflow forecasts range from above normal to much above normal. Most reservoirs are expected to fill during the spring.

Utah: Water supplies are forecast to be good to excellent. Streamflow will be normal to above normal.

Washington: Streamflow will be normal to above normal for much of the state. Snowpack ranges from 95 to 115 percent of normal. Reservoirs are expected to fill by early summer.

Wyoming: Runoff is forecast to be normal to above normal for most of the state. Below normal runoff is forecast for the north end of the Big Horn.

Only about 15-20 percent of the season remains for snowpack accumulation. This outlook is based on the assumption that spring weather will be near normal.

The Soil Conservation Service surveys snowpack and monitors snowmelt at 1,600 sites and forecasts streamflow at nearly 500 locations throughout the West each month from January through May. USDA specialists, in cooperation with the National Weather Service of the National Oceanic and Atmospheric Administration, U.S. Department of Commerce, analyze the data and issue monthly forecasts of runoff and water supplies.

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Blair County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

February 1982
TWENTY HIGH HERDS

The twenty high herds for the month of February are listed as follows

OWNER	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Dawn Baker	107 2	91 4	20,035		765
Dale W Hoover	32 5	86 6	19,710		739
Dennis A Smith	46 2	86 4	18,895		731
Raymond Diebold	34 6	93 2	19,991		718
Blackcrest Farms	65 3	89 0	18,881		717
Marcove Farm	65 5	86 6	18,508		712
James Smith	39 0	92 2	19,732		709
Lar Ann Farm	105 5	86 7	18,253		709
Thomas W Kelly	61 8	85 9	18,748		708
Penn-England	77 8	86 8	17,489		700
G W & R G Baker	72 1	90 6	18,855		689
Charles & Mike Hoover	87 6	89 2	19,644		689
Rodney L Metzler	222 0	90 4	17,116		679
William R England	156 3	88 4	17,411		679
Robert A Brumbaugh	83 2	84 7	18,030		677
Jerry & Sandy Young	38 6	87 2	17,468		676
Glen Albright	31 3	87 1	17,213		675
Revere Smith	47 7	87 4	17,835		675
Cove Valley Hol Inc	87 5	84 1	19,305		675
W Dean Stern	59 4	91 7	19,124		675

HIGH COW

The high cow for the month is a grade Holstein in the Joe McCutcheon herd Cow #Y37 produced 25,789 pounds of milk and 1,249 pounds of butterfat in 305 days Congratulations!

Individual Cow Records of 305 Days or Less Over 700 Pounds Butterfat

OWNER NAME OR NUMBER	BRD	AGE	LBS MILK	% FAT	LBS FAT
G W & R G Baker					
141	RH	6 9	25,624	3 5	902
193	GH	4 9	25,797	3 4	889
Harold Guyer					
10	GH	4 8	17 694	4 2	751
Over Lane Farms					
47	GH	4 8	23,373	3 5	821
Joe McCutcheon					
Y 37	GH	5 5	25,789	4 8	1249
Y 34	GH	5-5	22,461	4 7	1046
Steele Farms					
Abbey	RH	5 1	21,845	3 5	754
Curryview Farms					
Dodie	RH	5 10	18,853	4 1	767
Rich Lou Farms					
Rennie	RH	3 4	21,162	3 6	769
Dale W Hoover					
Joyce	RH	5 1	24,401	3 7	910
Rocket	RH	4-3	23,342	3 7	857
Clover Will Farms					
46	RH	8-4	21,376	3 8	808
312	RH	5 5	21,604	3 7	797
3B	GH	3 4	21,893	3 6	780
Oswald Bros					
Lititia	RH	8 11	23,537	3 7	882
Mil-Ber Farms					
Pearl	RH	6 9	21,719	3 6	791
Cari	RH	6 9	20,382	3 7	759
Eve	RH	5 6	20,110	4 2	844
Burket Falls Farm					
Vivian	RH	5 8	19,371	4 0	784
669	RH	5-6	21,957	3 9	853
Jazz	RH	4 11	22,495	3 7	826
Emile Dilling					
Penny 19	RH	7-6	20,855	4 1	854
89	RH	6-2	21,133	3 7	792
122	RH	4-7	22,892	3 7	838
Dennis A Smith					
Nelly	RH	8 9	20,441	4 4	891
Gerald Burket					
Joy	RH	7 8	23,582	3 3	770
Fred Bechtel					
Nancy	GH	4 3	19,688	4 1	816
William & Larry Baker					
54	GH	3 11	24,055	3 5	837
Robert A Brumbaugh					
8185	GH	6-9	22,201	3 9	859
4150	GH	3 6	21,108	4 4	938
C Eugene Smith					
Beauty	GH	6 8	23,646	4 3	1010
W Dean Stern					
R 24	GH	6 8	25,927	3 1	814
R 50	GH	4 11	26,647	3 3	867
Cove Valley Hol Inc					
Dot	RH	8 0	24,015	3 5	849
Dana	RH	2-4	22,377	3 5	794
William R England					
Janet	RH	4 6	20,330	4 1	832
31C	GH	4 0	21,289	3 8	800
77C	GH	3 3	17,867	4 5	799
49D	GH	2 1	18,939	4 1	769
Aldon Acres					
Buffy	RH	3 2	19,223	4 1	779
Dawn Baker					
314	GH	5 2	23,621	4 3	1018

(Turn to Page D23)

Bradford Co. DHIA

(Continued from Page D20)

Carl McClelland					
Monica	3	5	305	23,747	751
Ines	3	4	305	21,041	801
Bob & Tom Murray					
17	3	6	305	21,162	951
45	3	6	295	17,784	819
13	3	4	305	19,037	796
Tom & Diane Elliott					
Tabby	3	4	301	18,585	756
Roy & Tim Beardslee					
48	3	7	305	20,584	750
Lazzell Watkins					
43	3	11	305	20,778	753
51	3	6	305	23,791	840
Roof Farms					
Vanessa	3	5	305	28,979	919
Matt Will					
Peggy	9	6	305	27,419	1069
Jewel	9	5	305	20,570	798
Shine	9	4	305	21,904	793
Arthur D Wolf					
11	3	11	305	18,823	781
Allen S Andrews					
Cynthia	3	8	305	19,868	751
James A Van Blarcom					
Long	3	4	305	16,958	850
Kenneth Waiters & Sons					
71	3	4	305	17,293	769
74	3	4	305	14,484	772
Ted Baldwins Dairy					
Tanya	3	5	305	18,495	764
Hetty	3	3	305	19,543	830
Donald Jennings Sr					
25	3	5	304	18,977	780
Snowcrest Farm					
Jenifer	3	4	305	23,205	819
David & Joyce Egge					
9 A	3	6	305	17,324	765
Elsbree Brothers					
53	3	6	305	21,904	927
224	3	3	305	17,154	877
Calkins Farm					
R Effie	3	6	305	18,354	765
George W Lee					
Margo	3	5	305	22,460	780
Kim	3	7	305	23,503	957
Davis Brothers					
D 19	3	7	305	18 561	766
Abraham S Derstine					
Shirley	3	4	305	21,011	776
Philcrest Farm					
Big 7	3	4	305	22,691	754
Sr Rustic View Farm					
Josie	3	10	296	16,936	751

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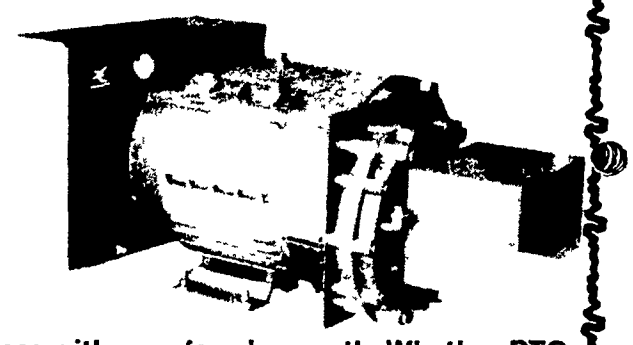

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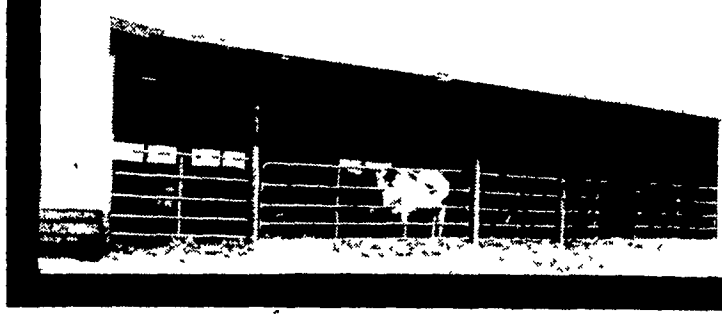

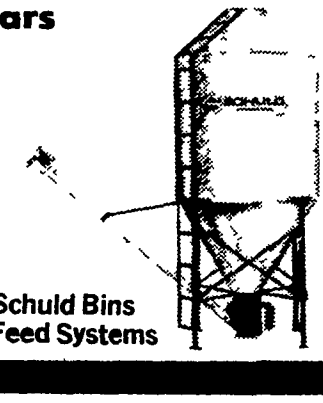

Schuld Bins & Feed Systems

Blair Co. DHIA

(Continued from Page D22)

346	RH	3 11	22,578	3 6	817
Rodney L Metzler					
41	GH	5 10	21,063	3 9	823
109	GH	3-11	18,494	4 1	755
Lar Ann Farm					
Fifi	RH	5-3	26,404	3.7	987
Jerry & Sandy Young					
35	RH	5-6	20,937	4 0	845
Thomas W. Kelly					
Star	RH	9-1	22,556	3 8	857
Bertha	RH	4-11	21,503	3 6	769
D & R Sollenberger					
35	RH	10-7	18 720	4 2	792
George F Brenneman					
147	RH	5-6	19,265	4 3	833
Charles & Mike Hoover					
Ivy	RH	6-0	29,850	3 1	925
Chico	RH	4-8	20,053	3 8	763
Richard Heltzel					
Rhonda	RH	4-1	19,695	4 2	833
Penn-England					
Ruby	RH	3-5	19,156	4 1	782
E P & D L Stonerook					
Jody	RH	4-8	21,553	3 5	762
Robert Dauberman					
Fran	RH	3-8	20,197	3.7	752
Metzler and Stern					
122	GH	4-6	18,250	4.2	769

Vet students get grant

PHILADELPHIA, — A check for $500 was recently presented to University of Pennsylvania, School of Veterinary Medicine Student AVMA Chapter, by the Upjohn Company of Kalamazoo, Michigan.

Chapter President Jim Stoltz accepted the donation on behalf of University of Pennsylvania Student AVMA Chapter from Carol Ries, Upjohn representative.

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DeKalb LX61	23.37	147.481
N King PX 83	23.87	145.093
Funks G-4646	24.25	136.824
Asgrow RX909	24.98	151.311
Pioneer 3184	25.16	147.015

*Please consult 1981 Test Result Bulletins for more information on other hybrids.

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Production practices reduce soybean seed disease

WOOSTER, Ohio — Later planting, adequate soil fertility, and planting soybeans following corn in rotation will go a long way in helping producers of soybeans for seed avoid infection by a fungus disease which causes poor germination, inadequate stands and low yields in many U.S. soybean growing areas.

D.L. Jeffers, a research agronomist at the Ohio Agricultural Research and Development Center, Wooster, reviewed results of Ohio research with **Phompsis** disease during the annual meeting of the American Society of Agronomy.

The disease, also called pod and stem blight, is a serious problem in Ohio and other humid regions of the U.S. where soybean are grown. It reduces seed germination resulting in poor stands and significant yield losses for farmers planting infected seed.

Jeffers reported that Ohio studies showed that when the seed crop was planted a month later than the earliest possible planting time, harvested seed averaged 17 percent lower incidence of the disease and had 14 percent higher germination. In Ohio, this later planting date was about June 1. Jeffers believes the disease problems were reduced because the late planted soybeans matured during a period of decreasing temperatures and unfavorable to the fungus.

Soybean residue is a source of fungus spores. Thus, planting soybeans following corn in a crop rotation sequence reduces infection. Jeffers said planting soybeans following corn rather than soybeans in rotation resulted in a 10 percent lower disease incidence and 9 percent higher germination in harvested seed.

The Ohio State studies showed that inadequate potassium in the soil also was a significant factor in severity of the seed disease in early planted soybeans. Research is continuing to determine the reason for this effect.

While the disease is more significant in seed-grade soybeans than in market soybeans, severe infection can cause moldy beans while they are still in the pod. Thus, Jeffers said growers of market soybeans should also consider crop rotation and adequate fertility as important practices to avoid **Phomopsis** infection. Since later planting reduces total yields, this practice is not recommended for soybeans produced for market.

Jeffers conducted his studies in cooperation with OARDC plant pathologist A.F. Schmitthenner with support from the Ohio Seed Improvement Association Research Foundation. The two researchers found that a fungicide (benomyl) can be used to control **Phomopsis** on seed beans but do not recommend it for general use.

The Ohio research team also investigated whether or not tillage would reduce disease inoculum sufficiently to reduce disease incidence. Jeffers reported there were no significant differences in disease incidence or germination between seed harvested from a crop grown without plowing and crops harvested from spring and fall-plowed fields. He said there apparently was enough residue left on the surface after plowing to provide spores to infect the subsequent crop.

Tennessee man guilty in Pa. bear case

HARRISBURG — A Tennessee resident has entered a guilty plea to violations of the federal Lacey Act and recently was sentenced in an ongoing investigation into the illegal killing and transporting of Pennsylvania bear.

Ronald D. Long of Morristown entered a guilty plea to killing one bear out of season in McKean County, Pennsylvania. Pennsylvania game protectors said three bears were involved, two of which previously had been trapped and tagged by the Game Commission.

Under the Lacey Act, which governs interstate transportation of wildlife, Long was sentenced to pay a $1,000 fine and to spend twelve consecutive weekends in jail (each weekend will involve incarceration from Wednesday to Friday and Saturday to Monday).

Long was also given a one-year suspended jail sentence, and was placed on probation for five years. Should he be involved in a violation of federal or state law during the five-year period, his probation will be revoked and he will be jailed for a year.

A federal grand jury in Tennessee is still considering the case, and persons from Pennsylvania and Tennessee are subjects in the grand jury's proceedings.

U. S. Fish and Wildlife Service Agent Leo Badger is heading the Pennsylvania phase of the federal investigation. He said the bear which Long was found guilty of killing was taken during the 1980 Pennsylvania archery deer season.

When Long was sentenced in federal district court in Tennessee, McKean County District Game Protectors Richard Oliver and Guy Waldman and Pennsylvania Game Commission Wildlife Biologists Gary Alt and William Drake were called to testify in the proceedings.

Oliver said that bear possessed by Long were taken at a dump at night over bait with a light and bow and arrow.

Pennsylvania charges are pending in the case.

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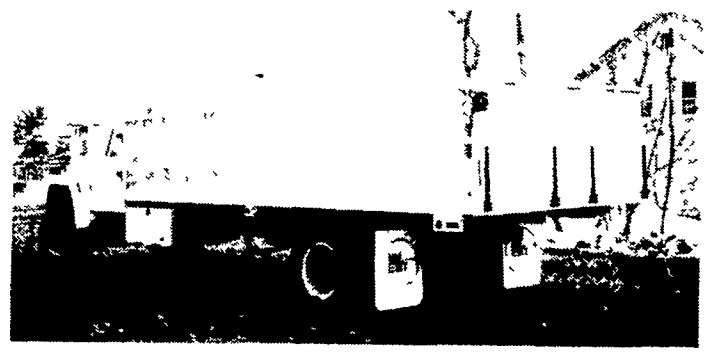
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State District president forecasts water as limit in food production

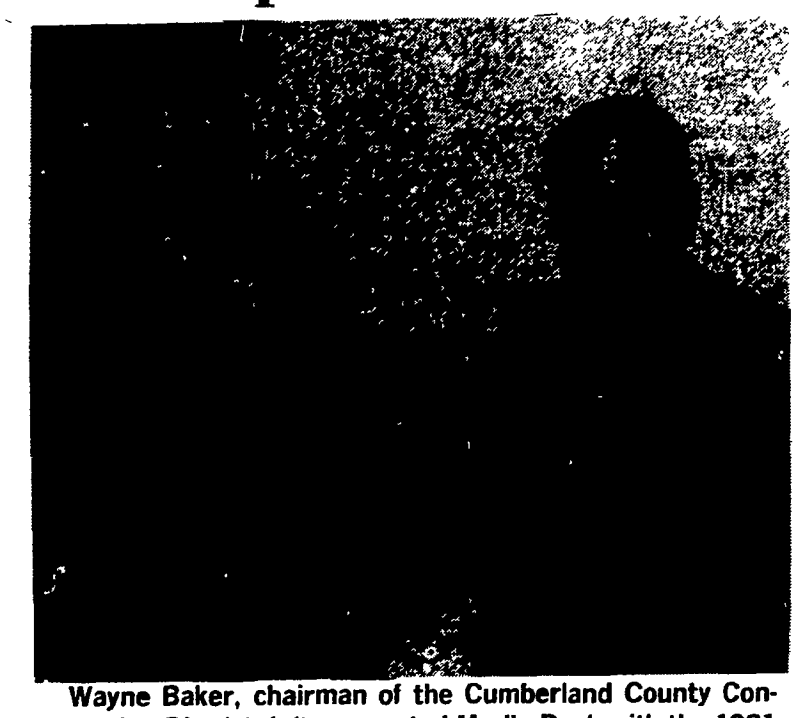
BY BETH HEMMINGER
Staff Correspondent

CARLISLE — "Water will be a limiting factor in agricultural growth in the future," said George Wolff, president of the Pennsylvania Association of Conservation District at the Annual Banquet of the Cumberland County Agricultural Stabilization Conservation Service and the Conservation District.

Wolff stressed water will be more of a limiting factor than land to the growth of food if measures aren't taken to prevent the shortage. Water conservation measures are being discussed all over the country, he said, but the groups are talking about conservation at the spigot. And as he pointed out the spigot is not the only or major cause of limited water resources.

He stated, "I don't have all the answers or know all the causes for the problem, but I do believe that everyone has to start looking at water conservation in a different light. Water and soil conservation should work hand-in-hand."

The 1981 "What Water Means to Me" Poster Contest winners were: from left, first prize, Stephanie Pawich, 3rd Grade, Monroe Elementary; second prize, Dawn Rock, 3rd Grade, Highland Elementary; second prize, Lorie Black, 5th Grade, Plainfield Elementary; and first prize, Steve Foster, 5th Grade, Plainfield Elementary.



Wayne Baker, chairman of the Cumberland County Conservation District, left, presented Marlin Rook with the 1981 Outstanding Cooperator Award during last week's Annual ASCS and Conservation District Banquet.

One farming method that practices this hand-in-hand conservation measure is contour chisel plowing. Wolff reported this is one method the farmer can use that will benefit him as well as add to the ground water supply. He explained that contour chisel plowing creates a "well" or drainage spots in the ground where the water can seep through, and in turn prohibits erosion of the quality top soil.

"Another soil conservation measure we have to start thinking about is recycling waste," said Wolff. Today, he said, everything is hooked up to sewage treatment plants and the land is losing valuable nutrients. One way to prevent this loss is for the municipalities and farmers to work together, Wolff suggested.

"Let the municipalities dump sewage waste on the fields and in return you will have the security of

(Turn to Page D26)

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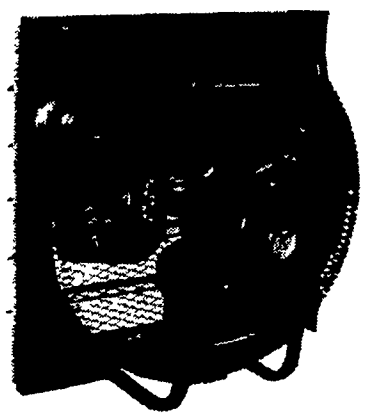

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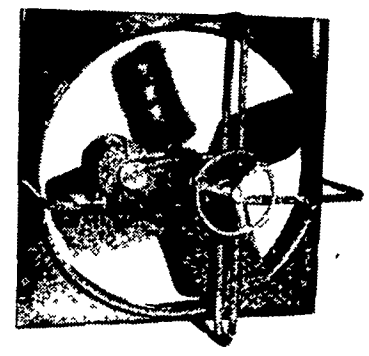

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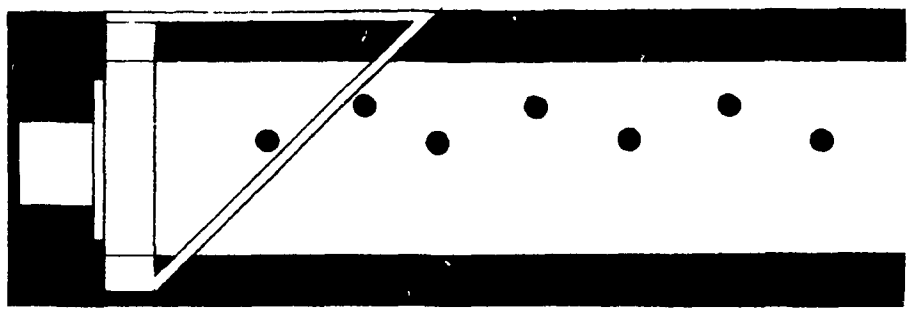

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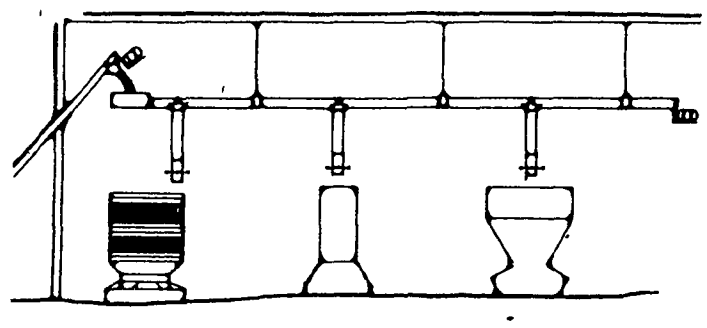

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State president

(Continued from Page D25)

keeping your ields in agriculture," Wolff claimed. He added that the farmer is benefitting monetarily from the dumping because he will not have to use as much fertilizer. He stated that many people are concerned with the dumping, mainly for sanitary reasons. Reassuringly he pointed out, The land has been a living filter for thousands of years and I believe it will continue to be a filter if we let it."

A major concern of Wolff's is budget cuts from the federal government. Wolff remarked, "Agriculture is going to have a quarter of a billion dollar problem." He stated that since 1979 the agriculture budget has decreased steadily from 27.9 billion to 23 billion in 1980, 17.9 billion in 1981 and predicted to drop to 14 billion in 1982. Out of the possible 14 billion, ASCS's share is predicted to be very low, he said.

Adding to the monetary problem, said Wolff is the fact that the federal money is moving away from the northeast agriculture areas. The money is being targeted towards areas with extensive erosion problems mainly in the Midwest.

"However," said Wolff, "we the farmers of the Northeast have major problems with erosion, water loss, ground loss which are just as extensive as the mid-western problems. Therefore, I encourage every farmer to write or talk to his Congressman about this problem and urge them to fight for Pennsylvania and northeastern farm land.

On the state level, Wolfi reproted misgivings about the State Environmental master Plan. He explained that, in the Master Plan, land is categorized in classes with prime land being Class 1 and Class 2. Wolff emphasized that the classification of prime land should be discarded from the plan because any land 'iat produces crops should be prime. He pointed out the present plan considers land that is hilly and stony as incapable of producing productively and therefore is not classified.

Wolff was skeptical of the plan and raised the questions "What produces quality fruit better than a hilly, stony orchards in Franklin and Adams counties? Who has been farming rolling, hilly fields for decades and harvesting tremendous crops but farmers in Cumberland County?" Wolff urged the farmers to fight such categorizations.

Charles Hogan, ASCS district director, reviewed the 1981 ASCS Annual Report and gave a program update.

Several programs will no longer be administered by the Cumberland County ASCS Office due to budget and program cuts, he announced. There will no longer be a wheat and feed grain disaster program, however there will be a feed crop insurance program to take its place. Hogan urged all farmers who were interested in this new crop insurance to contact the office by April 15.

Along with the disbandment of the diaster program, the emergency feed program and farm storage and dryer equipment loans will no longer be available.

Hogan remarked, "Regardless of the cut backs in the mentioned programs, the Conservation Service still has many programs and services to offer the farmer, rural and urban communities."

Programs remaining on the list f 1982 are commodity loans, grain reserve agreements, numerours conservation programs, wool incentive programs for shorn wool and unshorn lambs.

Along with the individual conservations services and assistant program, the ASCS and Conservation District office work throughout the community encouraging natural conservation measures in rural and urban communities.

In 1981 the conservation district held their fourth annual seedling sale where they sold and planted seedlings throughout the county. They celebrated a Resource Stewardship Week during which soil stewardship materials were distributed to churches throughout the county. And every year the conservation group celebrates Arbor Day in the county with seedlings distributed to schools throughout the county.

ASCS and the Conservation District also sponsor several awards during the year, which were presented at the annual banquet.

Wayne Baker, chairman of the Cumberland County Conservation District presented the 1981 Outstanding Cooperator Award to Marlin Rook.

Rook was selected by the Cumberland County District Board of Directors for his exemplary conservation efforts — strip farming, conservation cropping systems, grassed waterways and construction of towels and terraces on his farm located in the Newville area.

An annual event for ASCS and Conservation District is the poster contest for elementary school children. The 1981 theme of the contest was "What Water Conservation Means to Me" First prize went to Stephanie Pawich, a third grade student at Monroe Elementary and Steve Foster, a fifth grader at Plainfield Elementary. The second prize awards were presented to third grade Highland Elementary student, Dawn Rock and Lorie Black, a fifth grade Plainfield Elementary student.

Impregnated fertilizer use growing

SYRACUSE, N.Y. — A new practice that saves fuel, labor and time in crop production for Northeast farmers is being offered by Agway. It involves combining crop herbicide with dry bulk spread fertilizer application.

The method involves the spraying of liquid crop herbicide onto dry fertilizer as it is mixed in a large rotary drum at the Agway plant. The custom mixture is then applied to fields with a conventional spreader, just as untreated fertilizer would be. Additional trips over the field to apply only the crop herbicides are eliminated, cutting fuel, machinery and labor costs.

The impregnated fertilizer with crop herbicide compounds are subsequently mixed into the soil with a disk, field cultivator or other tillage implement.

Agway, a major supplier of crop herbicides and fertilizer components in the Northeast, has evaluated this new practice on a number of farms over the last two years.

"These mixtures should be applied promptly after mixing by Agway's spreading service," says Dan G. Bailey, crop services marketing manager for Agway.

"If bad weather interrupts application, the impregnated fertilizer should be tightly covered until it can be spread," he says.

Bailey points out that consistent weed control depends on uniform application and proper incorporation of the product into the soil.

Herbicides designed for preplant incorporation in the soil work well in impregnation. Mixing of the solid during incorporation insures even distribution of inpregnated fertilizer with crop herbicide.

Agway's spreading service drivers are carefully trained in the proper application of fertilizer and crop herbicide. Only approved chemicals are used in the proper amounts to insure effective weed control.

The impregnated fertilizers with crop herbicide can be used for corn, soybeans, potatoes, and clear-seeded alfalfa, as well as other crops. Agway is providing the impregnated fertilizer with crop herbicide product at over 50 blend fertilizer plants throughout the Northeast in 1982.

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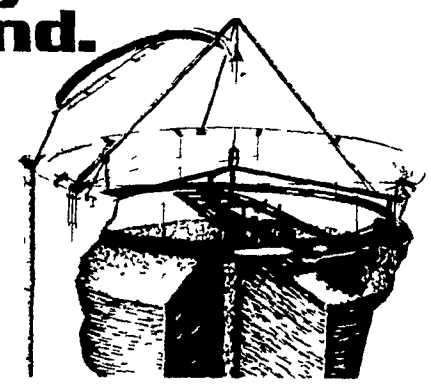

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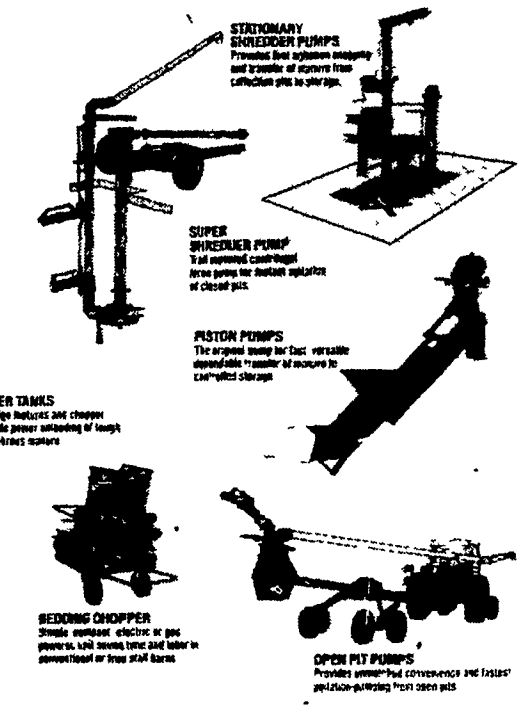

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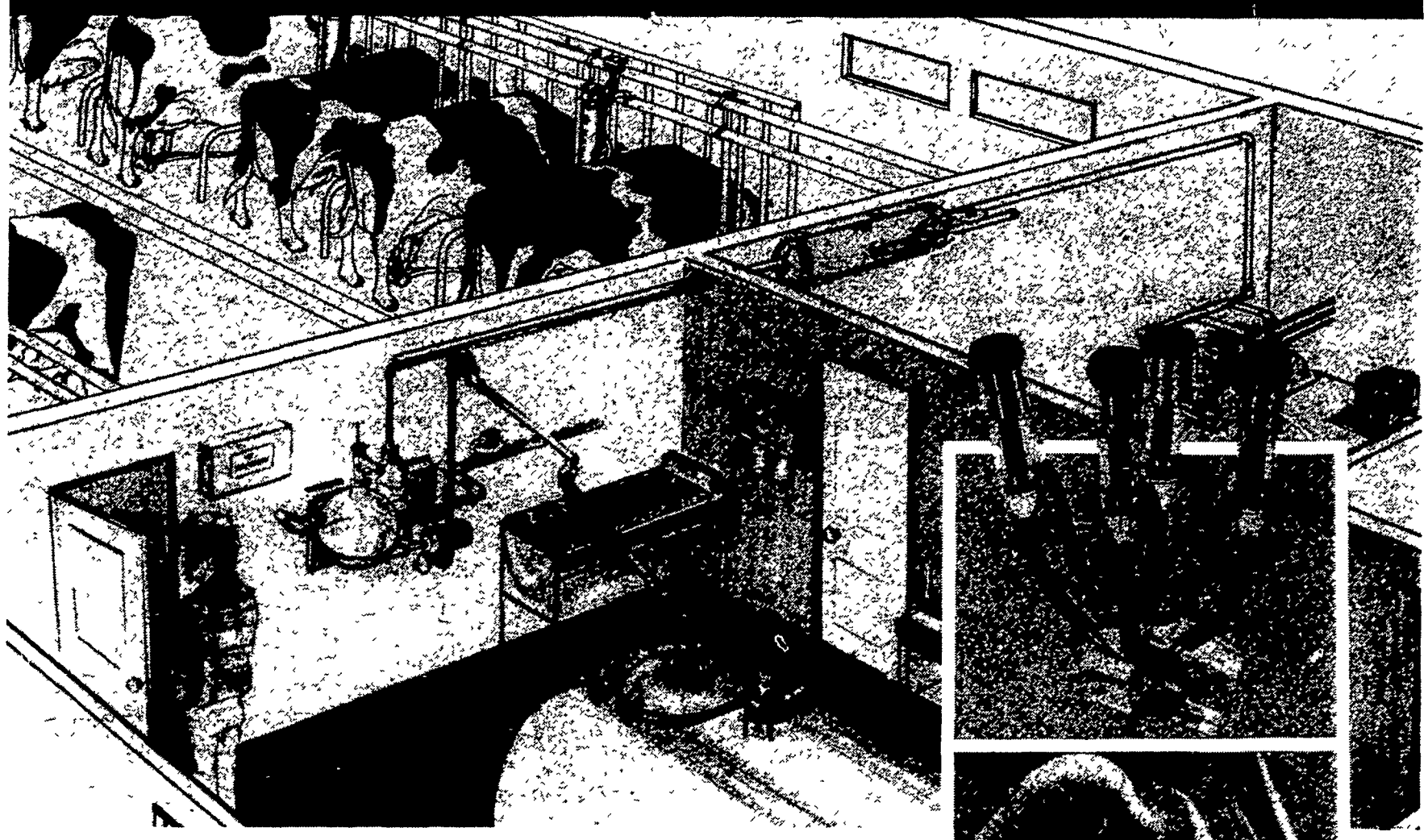

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Farm Talk

Jerry Webb

Copycat farmers switch models

The trouble with most small farmers is that they try to imitate the big guys. That's the conclusion of the southern agricultural expert who has developed a plan for those small farmers that will yield big returns.

Booker T. Whatley, of Tuskegee Institute, believes the proper mix of high value crops on as little as 25 acres can produce $100,000 in annual gross income for the farmer who is willing to work hard and stick with the plan long enough to allow it to work.

As Whatley sees it, small farmers have hurt themselves by trying to compete in the corn and soybean market. Their volumes are to small, their costs of production too high, and they just don't get the revenue to make a go of it. So what happens— times get tough and the small farmer sells out to a bigger farmer. One more small farm bites the dust. One more food producer heads for the city to find work.

And, of course, there are the part-time small farmers who have already made the choice—they want to live in the country but enjoy the financial security of an off-farm job. But like their big-scale farm neighbors, they too grow corn and soybeans. These crops are easy to manage, require very little labor, fit well into part-time schedule, and they're easy to market. They also provide very little return, with the small-timer being lucky to break even. But what's the difference? He has a city salary and the joys of country living. He doesn't need to show a profit.

There are those small farmers who want to make a living on the farm. Some now work off the farm, but would like to devote full time to farming. Others are struggling with a small full-time farm and barely hanging on. Still others have younger family members coming on who want to farm.

To all of these Whatley says there is hope, but not with the traditional corn-soybean commitment. The 64-year-old Alabama agriculturist, successor to George Washington Carver, is advocating a labor and land intensive mix of fruit crops and fresh market vegetables designed to compliment each other, provide a fairly even labor demand and cash flow, and yield an income that will support a family.

Here's Whatley's plan. Bear in mind he's talking about Alabama agriculture. Some substitutions would undoubtedly be required in this area.

*1 acre of bees—60 colonies
*5 acres of sweet potatoes
*5 acres of southern peas and other greens
*5 acres of muscadine grapes
*2 acres of rabbiteye blueberries
*1 acre of strawberries
*1 acre of blackberries

That account for 20 acres—the other five acres in Whatley's 25-acre plan would be for farmstead, family garden, etc. And, of course, this system requires several years to get into full swing because of the time required to get some of the fruits into production. It might also require as much as a $50,000 investment, not counting the land.

A number of Alabama farmers have embarked on the Tuskegee plan, although it's too soon for any of them to have reached the magical $100,000 gross target. But Whatley assures them it can be done.

"At our test farm at Tuskegee we did much better than that. Our production of berries and sweet potatoes was enough to bring in nearly $8,000 per acre for some things, more for others," he said.

Whatley believes the acre of bees is necessary for proper pollination of the crops and it returns a nice income. The blueberries, at 25 pounds per plant and 60 cents a pound, produce a $9,000 per acre income.

Whatley says that once the system is fully operational, a farmer has something to do and something to sell almost every month. That may be a larger commitment than many farmers are willing to make, but the scientist believes it provides a mechanism for those who truly want to farm for a living to step out of the small farm category and into the mainstream of today's big dollar agriculture.

The Tuskegee plan is obviously not for every small farmer and it doesn't have to be followed to the letter. It does provide some alternatives for the little guy who is tired of trying to act like a big farmer on 50 to 100 acres.

Rural Development advisory council meets

WASHINGTON, D.C. — The U.S. Department of Agriculture's National Advisory Council on Rural Development will hold its first meeting April 14-15 in Washington, D.C. The sessions will be public.

Frank W. Naylor, Jr., under secretary of agriculture for small community and rural development, and co-chairman of the council, said the agenda would include various issues affecting smaller communities, such as the impact of new federalism on rural areas.

"The council is expected to play a leading role in assisting USDA's Office of Rural Development Policy develop hearings and other ways the USDA can determine the needs and desires of rural communities," Naylor said. "In addition, the group will be briefed on regulatory reform and private sector initiatives."

Secretary of Agriculture John R. Block appointed the 22-member council last month, saying: "The council will assist me in identifying rural problems and in supporting administration efforts in rural development groups. It also will provide state and local rural development groups with a forum for the discussion of important issues affecting the lives of rural people."

Block said he would appoint another co-chairperson at a later time. Willard Phillips, Jr., acting director, USDA's Office of Rural Development Policy, will serve as executive secretary to the advisory council.

The council will meet in Room 107-A in USDA'S Administration Building, 14th St. and Independence Ave. S.W.

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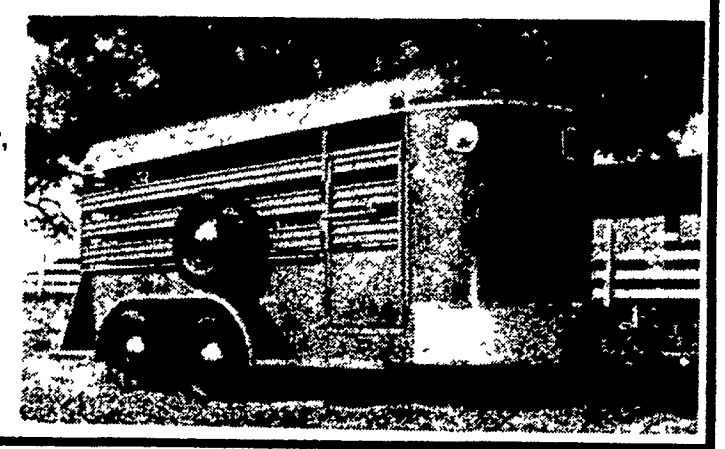

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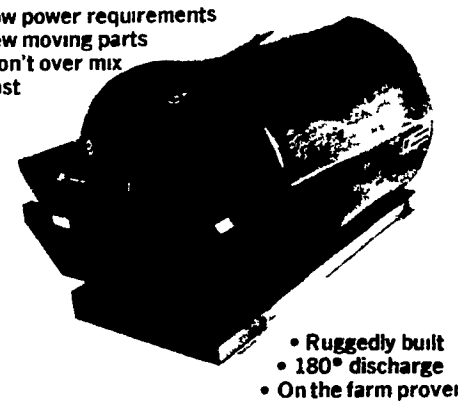

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York-Adams Guernsey Breeders honor youth

YORK — "You've got to plant your seed in the spring if you plan to harvest your crop in the fall."

This was the analogy drawn to the presentation of youth awards for outstanding accomplishments by PGBA's Field Rep. Ruth Ann Benedict at the York-Adams Annual Guernsey Breeders Banquet held Friday evening, April 2, at the Yorkshire Family Restraunt, York. She also highlighted individual York-Adams Guernsey breeders accomplishments during 1981.

Honored as the Outstanding First Year Member in 4-H was Peggy Klinedinst, York. Larry Amspacher, Jr., York, captured the Outstanding Junior 4-H Member title, while Deborah Lehmen, also of York, received recognition as the Outstanding Senior 4-H Member.

Youths honored for outstanding achievements at the York-Adams Guernsey Breeders banquet include, from the left, Deborah Lehman, outstanding senior 4-H member and winner of the 4-H production award; Peggy Klinedist, outstanding first-year member; and Larry Amspacher Jr., outstanding junior 4-H member.

Deborah also received the high 4-H production award with Carsals TD Daisy who produced 15,820 pounds of milk and 757 pounds of fat in 305 days. A week earlier, Deborah was honored at the State Association Annual Meeting in West Middlesex, Pa. by being named the Outstanding Girl by the State Junior Association. Her entry in the State Junior Production Contest, Rosewood Champion Princess, won the aged cow division with 13,635 pounds of milk and 630 pounds of fat in 305 days.

While there were no senior production awards presented, Miss Benedict noted that the achievements of the York-Adams Guernsey breeders during 1981 were not to be overlooked. Honored at the State Association Annual Meeting, York-Adams breeders captured three of the four State Production Awards.

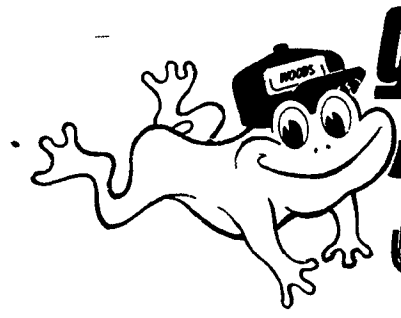
For the second consecutive year Piney Lane Guernseys, Mervin and David Myers, Littlestown, had the high herd in the state for fat with 13,947 pounds of milk and 694 pounds of fat on 56.6 cows. High cow for fat in 1981 went to Snaders Prince Lily, owned by John and Ginger Myers and Dr. Marvin Q. Sanner, Littlestown, with 23,521 pounds of milk and 1210 pounds of fat in 305 days at 5-04. High cow for milk was Kelsos Choices Charmaine with a record of 23,528 pounds of milk and 871 pounds of fat at 4-00 in 305 days. Charmaine made her record for Richard and Steven Staner, Windsor, and was sold for $18,500 to top the Guernsey Renewal and Pa. State Sale held in conjunction with the Pa. All-American Show last fall. Both of these cows also made National Class Leading Records during 1981.

Miss Benedict presented the State Association report including highlights from the State Annual Meeting. She also noted upcoming breed activites, including the annual fitting and showing workshop open to youth of all dairy breeds and co-sponsored with the Pa. Holstein Association. This year's workshop will be held July 7th and 8th at the Jefferson County Fairgrounds. This is an expansion of the original one-day program of previous years.

Elected during the business meeting to the Board of Directors were Terrance Murren, Hanover; John Myers, Littlestown; and Leo Rutter, York. Newly elected officers include Richard Staner,

(Turn to Page D30)

New directors of the York-Adams Guernsey Breeders Association are, from the left, Leo Rutter, York; Terrance Murren, Hanover; and John Myers, Littlestown.



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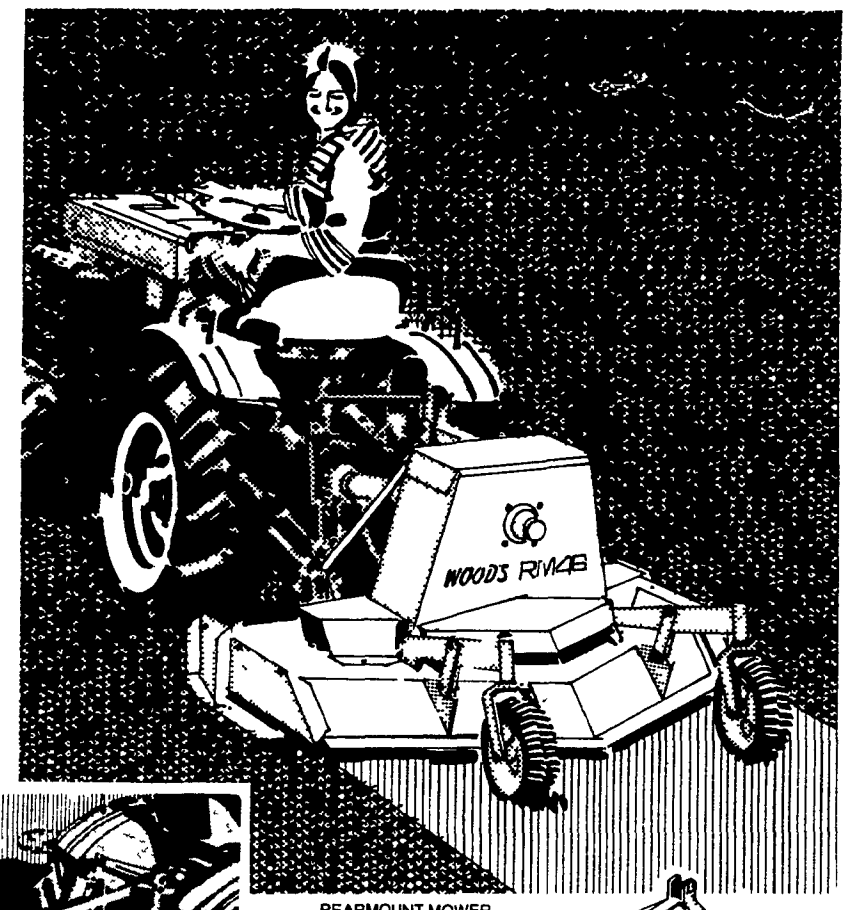

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Get the most mowing with the least horsepower. Woods undermount mowers are available for more than 150 different tractor models.

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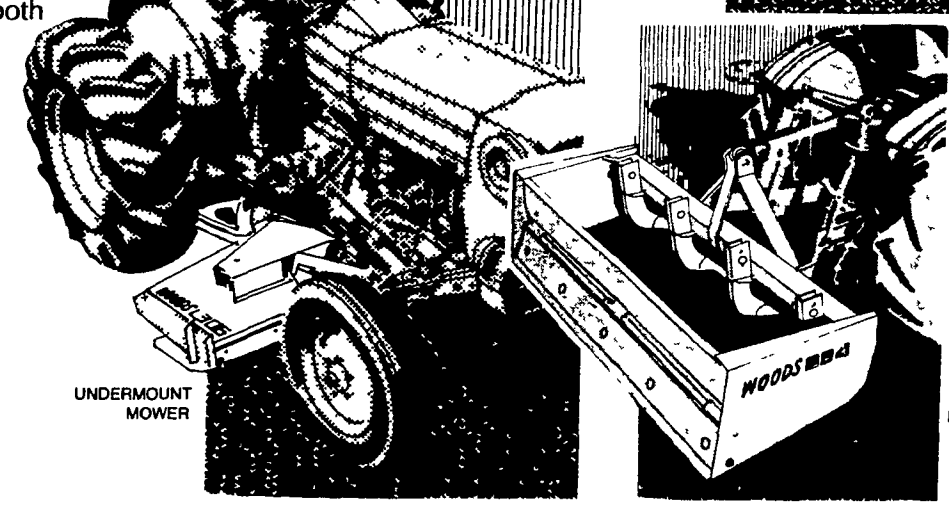
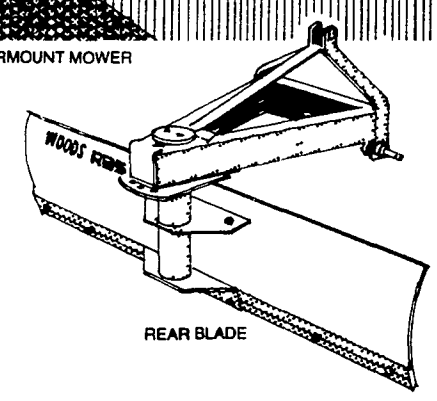
Let your tractor do more for you with a Woods box scraper or rear blade. Ideal for landscaping, light grading, or backfilling.

Visit one of the Woods dealers listed below. Let him show you why Woods is the name to remember for performance and value . . .



UNDERMOUNT MOWER

BOX SCRAPER



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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Bigger — Better? Which?

Is bigger better? Is an increase in size correlated with an increase in profits?

The answer to both of these questions is "yes sometimes and no other times." Unfortunately many farmers just see the first part of that answer.

I must admit that we in Extension may be part of the problem. It is a lot easier to "see" the solution to a farm business economic problem as an increase in size. For example: We look at a 50-cow operation with a projected debt repayment capacity of $24,000 per year. The operation needs a repayment capacity of $36,000. Our first inclination is to look for ways to economically expand the herd.

There are a number of reasons we do this (I am not making excuses — just stating the facts). First we have been conditioned to the fact that the farmer will more readily accept our suggestions if we grease them with expansion. Second it is easier to project profits through increased production units, based on a per unit return now, than through the unknown return we may get from improved efficiency. Third no one likes to tell a farmer (or anyone else) that their managerial ability may be limited. Fourth the expansion move is probably in line with the recommendation from the many other advisors and quasi-advisors a farmer encounters every day.

On The Average

On the average (how often I hear that expression) larger operations do appear to be more labor efficient, more energy efficient, and more profitable. This is true regardless of the article publication, or success story we read.

My labor studies from the early 1970s show that size is a factor in labor efficiency. My energy use studies in the late 1970s show that size is a factor in energy use efficiency. Sam Dum's annual "Farm Analysis" summary shows that the larger herds are more profitable than smaller herds.

"On the average" can be somewhat misleading though unless we also look at ranges and means. For example: if we had 10 farms producing corn and 3 produced 40 bushel per acre, 3 produced 50 bushels per acre, 37 produced 60 bushels per acre and 1 produced 220 bushels per acre the average would be 67 bushels per acre. In reverse if 3 produced 90 bushels per acre, 3 produced 70 bushels per acre, 3 produced 60 bushels per acre, and one had 10 bushels, the average would also be 67 bushels per acre.

In the first case 9 of the ten farms produced less than the average and in the second case 8 of the ten farms produced more than the average. We would have known a lot more about the 10 farms if we had been told the range 40 to 220 bushels in case one and 10 to 90 bushels in case 2. We would have known even more if we knew the mean (the point where half are below and half above).

In case one this would have been 50 (3 below, 3 at, 4 above). In case two, the mean was around 70 (3 above, 3 at, 4 below).

Ranges

If we examine some of those averages that appear to make bigger better, we can find that " 'tain't necessarily so." For example: in the previously mentioned labor study I found that, although larger herds (average 70 cows) used 22 percent less labor per cow than small herds (average 42 cows), the range in labor use among those larger herds was 100 percent.

Or to put it in actual terms of man hours, large free stall operations averaged 64 hours per cow per year while small free stall operations averaged 78 hours per cow per year. The range among the larger operations was 42 to 84 hours per cow per year. The range among the smaller operations was 66 to 96 hours per cow per year. Production per man hour of labor had an even greater range.

The same situation is true when we look at profits. I have worked with literally hundreds of farm analyses over the past few years. The range in income per cow has been fantastic, from close to zero to well over $1,000. Size is a factor but even within size groups, the range is tremendous. Production is a factor and so is the milking system. However, in each of these there is a big spread in the profit picture.

The End Result

The end result is that most farmers could probably increase income rather substantially without making a big investment in expansion. In the next column or two I'll discuss some ideas on how.

Guernsey youth

(Continued from Page D29)

Windsor, president; John Myers, Littlestown, vice-president; Leona Hobaugh, York, secretary; and Kathy Lehman, York, treasurer.

Entertainment for the evening featured the barbershop harmonies of the Lanco Lads, sponsored by Fred Myers, Vigortone Pre-Mixes.

WHAT'S YOUR PROBLEM?

Here's A Timely Tip...

Apply lime often for best results

To keep your soil neutral, liming every 2 or 3 years is recommended, because of the new higher analysis fertilizers being used today

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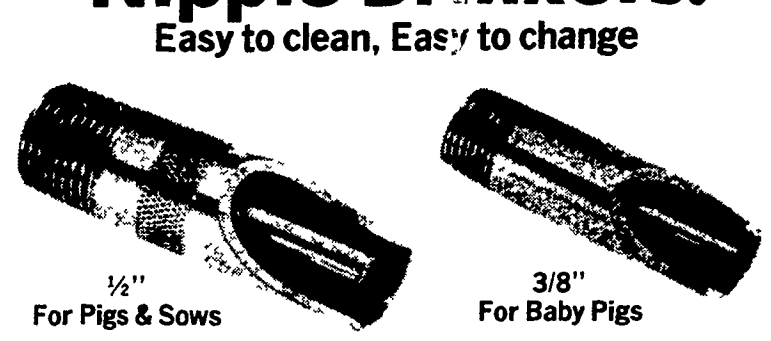
LOW-COST, Trouble free Nipple Drinkers!

Easy to clean, Easy to change



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Solid Stainless Steel construction, no tubes, sleeves or inserts. Smooth Finish.

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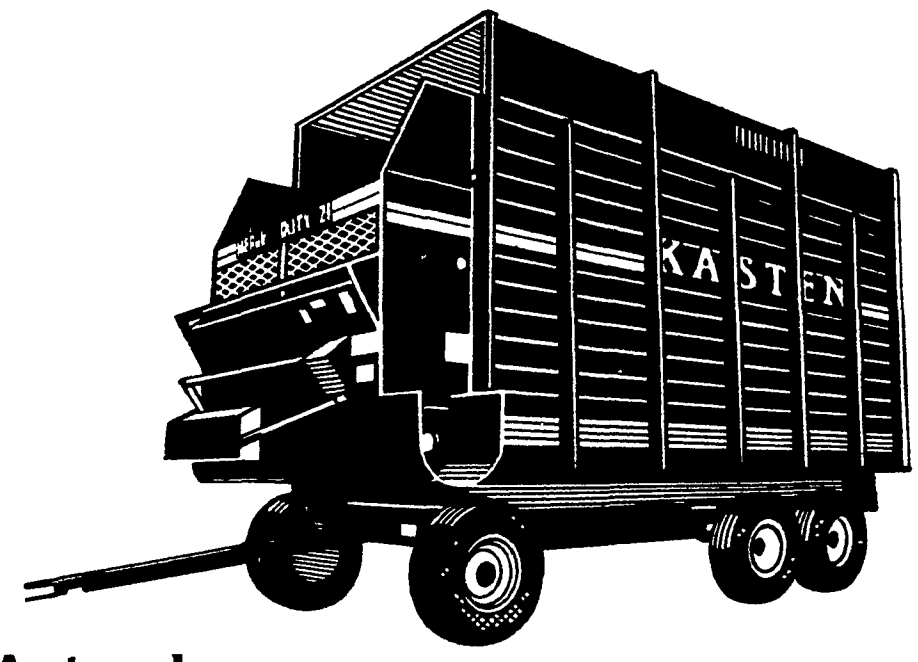

FEMA

As tough as you can buy. Kasten model 21 forage box with 9-ton capacity:

- Handles heavier loads with beefed up support
- More capacity with new flat roof
- Durable, attractive steel sides
- Convenient hinged endgate — all steel
- Heavy duty roller chains
- Quick, smooth 16" auger cross conveyor
- Hefty 1½" apron drive shaft
- Convenient 2-speed clutch
- Also available in 7-ton Kwikload model

These new Kasten forage boxes come in striking black enamel with attractive orange and cream accent stripes Don't miss seeing the Bold Black Line from Kasten!

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USDA revises animal disease data collection

WASHINGTON, D.C. — The U.S. Department of Agriculture began to update its system for collecting data on livestock diseases to give a better picture of the incidence and geographic distribution of livestock diseases this week, according to Donald L. Houston, Administrator of USDA's Food Safety and Inspection Service.

"The new animal disease reporting system will give a better picture so we can determine if a disease is still a problem in a specific group of animals," Houston said. "It is no longer enough to know that a disease occurs in an entire species, such as cattle, hogs or sheep. We need to have a breakdown by age and sex of animals as well."

The new reporting system replaces one which furnished data for a species as a whole, such as cattle. Now, information on cattle will be collected for steers, heifers, cows, bulls and calves. Other species, such as swine and sheep, will be broken down similarly.

"The new system will provide valuable information which can be used as a basis for developing more efficient and effective methods of meat inspection," Houston said.

A critical part of meat inspection is the checking of every carcass and its viscera for specific disease conditions which could present a danger to those who eat the meat. With better information on animal diseases, Houston said, meat inspection can be improved because procedures can be modified according to the diseases likely to be present.

"Further, if we suspect a problem in a certain geographic area, this new system can be used to conduct a special survey of animals slaughtered in that area," Houston said.

The information is collected on forms filled out weekly by USDA inspectors in federally inspected livestock slaughtering plants. USDA will make the data available to the public in quarterly reports.

USDA provides inspection in 1,400 plants slaughtering 131 million head of livestock annually.

Why do nitrogen fertilizers inhibit soybean nodules?

ATLANTA, Ga. — An Ohio study has provided more clues in the continued search for the reason why nitrate inhibits growth of nitrogen-fixing nodules on the roots of soybeans.

John G. Streeter, an agronomist at the Ohio Agricultural Research and Development Center, Wooster, reported his findings during the annual meeting of the American Society of Agronomy.

Streeter said that for more than a century agricultural scientists have been trying to solve the complex puzzle of the negative effect of nitrate on nodules which occurs when nitrogen fertilizers are supplied to legume crops in the field.

It makes little difference what form of nitrogen fertilizer is applied (urea, ammonium sulfate, ammonium nitrate are common forms of commercial nitrogen fertilizer). Bacteria present in the soils convert urea and ammonium forms of nitrogen to nitrate in a short period of time.

Legumes are able to use atmospheric nitrogen because of the presence of a bacterium known as Rhizobium which inhabits the nodules of legume root systems. The bacterium converts nitrogen from the air into ammonia which is used by plant cells to synthesize protein.

Streeter said his work implicated an enzyme called nitrate reductase which converts the nitrate to nitrate during the respiration process of Rhizobium.

The Ohio study used a mutant of Rhizobium japonicum, the baterium responsible for nodule formation on soybeans. The mutant, which did not have the nitrate reductase enzyme, was compared with a normal R. japonicum in experiments with soybeans grown in sand culture where nitrate concentration received by the plants could be precisely controlled.

The mutant bacteria formed nodules that grew faster and fixed more nitrogen than nodules formed by normal bacteria containing the enzyme when plants were supplied with nitrate. Streeter said he wants to check his results with other strains of Rhizobium.

"$400.00 says . . . MUELLER is your BEST BUY!"

— Leroy Van Dyke, The Mueller Auctioneer

THERE ARE MANY REASONS TO BUY MUELLER . . . HERE ARE THREE REASONS TO BUY NOW!
1. FOR A LIMITED TIME, MUELLER WILL PAY $400.00 ON THE PRICE OF ANY NEW MUELLER COOLER YOU SELECT.
2. Investment Tax Credits!
3. New Accelerated Depreciation under the Economic Recovery Act!

Stop by your Mueller dealer He ll make you the kind of deal Mueller is famous for and then you use the $400 to make that deal even better!
You can have the Mueller Milk Cooler with all the features that have made it the number one milk cooler with dairymen all across the country You can have the best and save money at the same time!

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"Over 55 years of continuous Service"

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★ Barn Cleaners, Manure Pumps, Manure Stackers, Silo Unloaders, Bunk Feeders, Feed Conveyors

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PLANT 'n SPRAY-
ONE TRIP ACROSS FIELD
Save Time-Save Fuel-Increase Yield

Featuring the TRIM VUE TANKS
Broadcast Apply Liquid Nitrogen, Liquid Fertilizer and/or Herbicides All In One Operation

"NEW" QUICK ATTACH SIDE MOUNT FRAME

Now you can remove your tanks and saddles quickly and easily while allowing the center section to remain on your tractor giving better vision and clearance while doing other chores.

LESTER A. SINGER
Lancaster County's Only Dealer
Specializing in Sprayer Sales & Service
RONKS, PA 717-687-6712
Mon.-Fri. 8 to 5, Saturday 9 to 12

Sale Reports

A public sale of real estate and household goods was held March 27 by Franklin G. & Edith B. Knauer, along Shady Hill Rd., West Cocalico Twp., Lancaster Co.

The 2-story frame and shingle dwelling, frame barn and other farm buildings on the 6 acres were sold for $26,400 to Ervin Martin, R.2, Denver.

Other prices were: 35 ga. Remington shotgun $230, 270 Remington $420, Ithaca 20 ga. automatic gun $200, Remington 572 gun $190, Remington 5M w/scope $230, stone water trough $320, coal cook stove $420, sideboards $100 to $110, high top dry sink $600, roll top desk $340, trundle bed $170, jelly cupboard $210, wood chest $210, Rotatiller $105, buggy lantern $35, Meat fork $20, baking board $38, Bear heads $55, $65 & $70, and deer skin $45.

Sale conducted by H. H. Leid Auction Service.

PUBLIC SALE

Located east of Hagerstown, Md. on I70 to Clear Spring exit, left on Route 68, right on Dam #5 Road, thru Charlton, past dam, 1st lane on right.

FRIDAY, APRIL 16
at 10:30 A.M.
Two Tractors & Machinery

Case 1070 diesel tractor w/air conditioned cab, P.S., W.F., power shift, 800 hrs.; Ford 871 Selecto Speed diesel tractor, P.S., W.F., 3 pt., rear wheel weights; Ford 720 loader w/5 ft. bucket; to be offered separately & together; Int. 710 automatic reset 5-16 bottom plow; Case D15-126 transport disc, used once; Brady 7 ft. chisel plow; Int. 555 forage harvester w/2 row corn head & grass pickup head; New Idea 603 silage wagon; Wards 95 Lo Lead wide track flat bed wagon; Int. 16-7 disc grain drill; 3 pt. 5 ft. rotary mower; Prince hydraulic wood splitter; 3 pt. post hole digger; portable cement mixer w/mounted HP gas engines; 3 disc plow & junk corn planter; 250 gal. diesel fuel tank & fuel; Miller Thunder Bolt 225 elec. welder & accessories; acetylene welder, tanks, gauges, etc.; 9 packs of metal small fruit tree bark protectors; new 8x10 & new 8 ft. fencing boards; 25 cedar fence rails; steel fence posts; Craftsman floor model tool box; hand & garden tools; Handyman jack; 24 ft. alum. extension ladders; alum. step ladders; 2 rabbit hutches; melon crates.

Note: Most of the above equipment was bought new & used very little & still in like new condition.

G.E. 20.3 cu. ft. chest freezer; like new; 2 metal 2 drawer file cabinets.

Approx. 100 tons of corn silage in trench by bulk.

Wolverine 10x45 mobile home, 2 BR, appliances, oil furnace, 12000 BTU air conditioner, wheels & tires; good condition - would make ideal hunting or camping trailer or farm tenant trailer.

1981 Chev. custom deluxe 10 pickup, 4 WD, 4 speed, PS, PB, 305 V8, AM-FM stereo radio, 6250 miles.

Terms: Cash or approved check. Not responsible for accidents.

Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz, Phone 582-0546

Lunch Rights Reserved

SALE SALE

ANTIQUES & COLLECTIBLES
WEDNESDAY, APRIL 14
9:30 A.M.

FROM THE ESTATE OF MR. & MRS. MYRON L. BLOOM - Mr. Bloom operated a country store for many years and was a life long collector.

SALE WILL INCLUDE - Furniture/Wood Items:

M.T. flower stands, overstuffed sofa and two chairs, sets of plank bottom & cane seat chairs, ladder back rocker, folding carpet rocker, cheese cutter rocker, cane seat rocker, Victorian platform rocker, spindle back rocker, spindle back arm rocker, misc. chairs, M.T. stands, 3 pc. curly maple B.R. suite, maple chifferobe, pair of Victorian what not stands with drawer in bottom, one piece softwood corner cupboard - two 6 pane doors - 2 drawers and 2 doors in bottom - 41" wall space - 6'9½" tall, M.T. dresser, vanity & stool, wall hat rack, hanging magazine rack, towel rack, footstools, fireplace footrest, cane seat telephone stool, picture frames, mirrors, bellows, miniature buttermold, large wooden bowl, coffee mill, churn, old countertop display case (needs restoration), oak ice box, school desk, secretarial chair, **Totally reconditioned Player Piano in Excellent Condition.**

Metal Items: iron skillets, C.I. kettles, gypsy pots, brass kettle, sad irons, trivets, old cookie cutters, old kitchenware items, 2 meat grinders, metal dog nutcracker, large brass ship or engine bell, sleigh bells, hand school bells, pressure cookers, fireplace set with brass fender, ray-o-lamp, coke trays (not old), set of flatware and silverware box, misc. pots & pans.

Glassware/China: Misc. sets of dishes, occupied Japan C/S's, ironstone tureen, ironstone platter, depression glass, carnival glass, oil lamps, miniature oil lamps, collector plates - Vernon Davis series, misc. collector plates, china easter eggs, bone dishes, butter pads, hanging lamp with leaded shade, 5 piece dresser set, china shelf clock, mustache cups, shaving mugs, Victorian oil piano lamp, old barber bottles, goblets, compotes, plus other fine pieces of glassware or china.

Unusual/Odd Pieces: Tramp art-miniature grandfather clock, old style shoes, old tophats, old fur muffs, baskets, celluloid dresser set, Bill Fautz preztel, old patent medicines and bottles in original boxes, composition doll, silver mesh ladies' evening bag, small silver purse with chain, horse bridle rosettes, Victorian wall mirror & brush, old pocket watches, wooden string holder.

Hagerstown Items: 3 bears souvenir plate, bottles, paper weights, advertising cards, postcards.

Other: Stereoscope, viewers & cards, piano rolls, cylinder records, linens, comforts, crocks, jugs, advertising items, costume jewelry, 1962 civil war centennial memoribilia, medals, etc., political buttons, Jim Beam bottles, 1875 "American Cyclopedia" set, misc. tools, plus many items too numerous to mention.

ROBERT C. MULLENDORE, AUCTIONEER

Sale to be held at Robert Mullendore's Farm - located 10 miles south of Hagerstown, Md. on the Boonesboro/Williamsport Road (Rt. 68); 4 miles west of Boonesboro or 2 miles east of Sharpsburg Pike (Rt. 65 - Lappens Crossroads).

COLLECTORS AND DEALERS WILL FIND THIS SALE WELL WORTH ATTENDING

PUBLIC SALE

From Interstate 81 South of Martinsburg, WV, take Exit #5 (Inwood, WV) Route 51 East approximately 3½ miles to Larry's Market (formerly Haines') Turn right - .2 of a mile to sale - OR - From Charles Town, WV, take Route 51 West - go approximately 8 miles to Larry's Market - Turn left - .2 of a mile to sale.

SATURDAY, APRIL 24
AT 9:30 A.M.

APPROXIMATELY 20-25 TRACTORS - Including Cubs, Fords, John Deere, Internationals, Fergusens, and many other makes. ALSO — We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole digger, discs, wood saw, rakes, baler, grain elevator, corn pickers, and many other farm related articles.

We will also be offering a good selection of new and used tools, some household articles and some antiques.

TERMS: CASH. Nothing to be removed until settled for.

EDGAR A. BOHRER, SALR MGR.
(304) 229-8354
AUCTIONEERS: MILLER AND BOHRER
CLERKS: Ware, Bohrer and Bohrer

NOTE: THIS IS A CONSIGNMENT SALE. LET US TURN YOUR UNUSED FARM ARTICLES, HOUSEHOLD ARTICLES AND ANTIQUES INTO CASH FOR YOU. IF YOU ARE CONSIDERING HAVING AN AUCTION, PLEASE CONTACT US. WE WOULD BE PLEASED TO SERVE YOUR NEEDS.

Not Responsible For Accidents
On Premises - Lunch Rights Reserved

PUBLIC AUCTION

Farm Equipment, Pony, Motorcycle, Antiques, Household Goods
SATURDAY, APRIL 24
at 10:00 A.M.

LOCATED: Just off Rt. 61 behind Farm Credit office, Shoemakersville, Berks Co., Pa.

FARM EQUIPMENT: J.D. 630 (full equip.), J.D. cyclone B, Farmall F30, J.D. 4x14" 3 pt. plow, J.D. 2x12" disk plow, J.D. 2x14" trailer plow, Int. 127 self-prop. combine, J.D. #237 mtd. corn picker (good cond.), Int. 4 bar side rakes, J.D. 9' disk, 10' cultipacker, J.D. #5 mower, N. Idea #7 corn picker, J.D. #200 cultivator, N. Idea #12A manure spreader, Ontario 11 hoe drill, Meyers mower crusher comb., Meyers crusher, Smoker 24' elevator, 16' flat farm wagons, new 5 bu. tractor seeder, N. Idea 100 bu. bin grain wagon, Frargue belt feed grinder, power corn sheller, ground scoop, new N.H. baler knotters, 12' grain auger w/motor, potato plow & hiller, Myers #900 deep well pump & pipe, 3 pt. platform, David Bradley chain saw, 44' extension ladder, oil pumps & drums, saw buck, 350 Harley Davidson motorcycle (good cond.), and many other misc. items.

HOUSEHOLD & ANTIQUES: Philco refrigerator, 4 burner electric stove, Coleman kerosene space heater, Estate heatrola, baby cribs & play pen, Philco dbl. tub wringer washer, Hobart electric meat slicer, wooden wheelbarrow, camelback trunk, 5 leg. sq. oak table, high chair, 20 qt. milk cans, crocks & jugs, wooden butter churn, butter molds, split oak & wire egg baskets, tin dry measures, toys, Planter's peanut jar, wash boiler, old tins, lanterns, Ironstone, carnival & other china & glassware, books & encyclopedias, plus many other misc. items too numerous to mention.

ORDER OF SALE: Farm Equipmenat 10:00 A.M., Household & Antiques approx. 1:30 P.M.

TERMS: Cash or PA check day of sale. Refreshments available.

SALE ORDERED BY:
HOMER & STELLA DIETRICH

AUCTIONEER:
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22nd PUBLIC SALE

SATURDAY, APRIL 17 10 A.M.

20 Tractors, Cat 955 Loader, MM 335, Farmall H, Wheelhorse Int., JD Simplicity tractors w/mowers, Ford Gravely, Bolens & Sears Tractors w/Mowers, Used Plows, Disc, Snowblowers, Sicklebar 3-Mott Mowers, 3-Pull Disc, Rear Blades, 2-Ditchwitch Trenchers, Lock 30" Reel, Toro, 3 Gang with Sulky, Generators Welder, 3500 Watt Generator, Trailers, Dump Carts, Load of Power Tools, Power Saws, Drills, Grinders.

Trucks 1976 Chev. 4-Wheel Drive; 1970 Ford 4-Wheel Drive with Snow Plow; Dodge & Chev.; Cabs & Chassis.

Parts Bins, & All Kinds of Lawn & Garden Equipment. Many More Items by Sale Day.

Sale postponed from April 19.

Lunch

EAGLE MACHINERY CO.
RT. 100
1 mile north of Eagle,
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AUCT.. L Robert Frame

Pirrung's 1982 Auction of Farmer Owned Machinery

Rescheduled to

TUESDAY, APRIL 20
9:30 A.M.

Cohocton, NY. Sale to be held at the Terry Wilkins farm located along Rt. 371 midway between Cohocton and North Cohocton, NY.

Selling a large selection of farm machinery and farm related items from fence posts and buzz saws to tractors and trucks. There will be about 300 lots of machinery to be sold. Bring in what you have to sell anytime April 17, 18, and 19 from 9 a.m.-5 p.m. Absolutely no small items! Nothing will be accepted sale day. Loading dock and forklift truck available at sale sight.

* Note-We were forced to reschedule due to the blizzard. So many people called and asked us to postpone because they just couldn't get their equipment to us. You will find lots more than what you've seen thus far.

For info. contact Pirrung Auctioneers, Inc.
Wayland, NY 716-728-2520 or
Terry Wilkins 716-384-5404

This is an established market place where buyers and sellers meet to the advantage of each.

Bill Towner

DISPERSAL

Located 2 miles west of Rome, Pa. and Rt. 187, 12 miles south of Nichols, N.Y. and Rt. 17 Expressway on

FRIDAY, APRIL 16
-12:00 Sharp-

28 Mature Sire Power Holsteins, 3 Brown Swiss, 1 Black Jersey. Many fresh and springer cows. A few fall cows. These cattle have never been pushed; being fed, corn and oat chop and grass hay. **Some Outstanding Individuals,** that, will really milk with better feed and protein! 3 Open Holstein heifers, Hereford Bull (ideal for heifers).

- John Deere 4320 Turbo diesel - wide front end, new tires, field ready - J.D. 5-16" semi-mounted plow.
- John Deere 620 w/power steering.

Gehl #95 Grinder Mixer (like new) - New Holland 770 Chopper (less than 50 acres).

-14' Ford Transport Disc-

New Idea 310 corn picker, 16' P & D silo unloader, N.H. Super 23, P.T.O. blower and pipe; A.C. forage wagon on 10 ton gear w/flotation tires, Gehl forage wagon on 8 ton gear, wagon w/bale rack, 12' J.D. Harrow, J.D. drill, JD 246 corn planter 3 pt. hitch, 2 wheel trailer, trailer frame and axle, J.D. lime spreader, Hammer King hammer mill and mixer, Clay barn cleaner drive unit and motor.

All the machinery is field ready and stored inside. Please be on time. Lunch. No Small items. Tent.

BILL TOWNER, Owner
Meredith Wilson, Auctioneer
Towanda, Pa.
717-265-3796

CONSIGNMENT SALE OF FEEDER PIGS & FEEDER CATTLE
FRIDAY, APRIL 16, 1982

6:30 P.M. Sharp
Held at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, 5 miles west of Selinsgrove, PA.
Early consignments appreciated.
Bring a load - buy a load.
For Information Call:
717-837-2222 — 717-524-5285 — 717-966-2856
Terms: Cash, Restaurant Open.

KEISTER'S MIDDLEBURG AUCTION SALES, INC.

Rt. 522, RD #3, Middleburg, PA
DON & WALT KEISTER
Owners
Auctioneers:
Ray Long & Dave Imes

PUBLIC AUCTION
SATURDAY, MAY 1
at 10:00 A.M.

ELIZABETHVILLE, Dauphin County, Pa., along Route 209 going East toward Agway Farm Store.

FARM EQUIPMENT & TRUCK

1979 FORD 700 TRUCK, 26' Bed with Sides, one owner, good condition; Int. Cub Tractor w/2-Way Plow, Disk, Cultivators and Pulley; Int. B-N with Mounted 7' Mower; Farmall H Tractor; New Idea 323 Single Row Pull-type Corn Picker, good condition; Int. 430 PTO Baler w/No. 10 Bale Thrower; N.I. 4-Bar Side Delivery Rake; Ontario 16 Disk Grain Drill on Rubber; Int. 3-Pt. 2-Row Planter; Holland Pull-type Single Row Transplanter, like new; Int. 140 Flat Bed Wagon w/Low Sides & Hay Racks; Flat Bed Wagon w/Hay Rack; Ford-3 Pt. Cultivator; Oliver 3-Pt. 3x14" Plow; M.F. 3-Pt. 3-Bottom 14" Plow; Int. 2-Bottom Trailer Plow; 12' Tractor Harrow; Chains; Tighteners; Barbwire; Fencing; Lumber; Baler Twine; Hand Tools; etc. 18'x20' Wooden Grainery to be moved by buyer. Iron Hog Troughs; 7x35 Binoculars; (7) Cast Iron Radiators.

JAMES J. LEBO, Owner

BE PROMPT! Short Sale, not many small items.

George & Mike
Auctioneer
(717) 425-3313

DIEBERT

COMPLETE DISPERSAL

Having decided to retire, I will sell the following

SATURDAY, APRIL 17
at 1:00 P.M.

Located 1½ miles from Forkston, Pa. on the Bowman Hollow Road. Forkston is just off Route 87 between Mehoopany and Lovelton, Wyoming Co. Arrows.

32 Holsteins
23 Mature Cows
6 Yearlings
2 Red & White Started Heifers
1 Red and White Service Bull

Cows in all stages. Many bred, mostly young. A little thin, some horns, Vet. examined, 30 day charts.
MACHINERY - MF 1085 diesel WFE, power steering, 3 pt. weights, manual shift with 2 ranges and only 773 hours, Bob bought this tractor new and it has been used little, rubber like new; JD 3B 3 pt. plow; NH 273 baler and thrower; NH 256 rake; NH Super 23 blower; MF sickle mower; Cunningham conditioner; NH 120 bu. spreader; MF 3 pt. cultivator; MF 2R 3 pt. corn planter; Case hay and grain elevator; Kasten forage box and wagon; 2 bale boxes and wagons; 12' harrow; 8' disc; 36' Vent-O-Matic fan; 200 sharp locust posts; about 4' Sorghum silage; Girton 300 gallon tank; Alamo 40 pumps, tools, odds and ends, Surge units, etc., etc.
Lunch
Terms: Cash or approved check sale day

OWNER
ROBERT STONE
Jim Adriance and Son, Auctioneer
Montrose, Pa.
717-278-1574

PUBLIC SALE
Farm Machinery & Cattle Truck
SATURDAY, APRIL 17
10:00

LOCATED: York Co., Penna. Turn off Rt. #30 - west of York at Roosevelt Ave., go to 1st road on right, turn on to Greenbriar Rd., follow for 2 mile to sale on left at Bentzel Mill Tavern.

TRUCK

1970 Int. 1700 Series w/18 ft. cattle body w/roof & side door.

FARM MACHINERY

Farmall 706 Diesel (German) w/2 pt. hitch, Int. 300 Utility w/2000 2 pt. hitch & live PTO, Farmall M tractor w/remote control, Farmall H tractor, Mtd. corn planter for H or M, Cult. for H or M, Danhusen 3 pt. Post hole digger, Int. 4x16 Semi mtd. plow w/new bottoms, 3 bottom 14" trailer plow, J.D. 28 blade disc, 4 section spring harrow, J.D. Killifer disc, Brillion 10 ft. Cultipacker, 9 ft. Cultipacker, Cultipacker for parts, J.D. 494 4 row corn planter, J.D. 17 disc grain drill (good fertilizer), J.D. 14T baler w/thrower, J.D. 200 gal. sprayer w/fiberglass tank and booms, 14 & 16 ft. thrower wagons, metal thrower wagon & feeder wagon combination, J.D. 14' dump wagon, Gehl Forage wagon, Ford forage wagon w/3 beaters & roof & flotation tires, Gehl Forage Blower, Allis Chalmers 780 2 row harvester, Heston PT 10 haybine, New Holland 256 rake, J.D. #15 flail chopper, Case PTO manure spreader (needs repaired), New Idea Horn loader, Meyer Hay conditioner & mower Combination.
Iron wheels, plate mill, gas and fuel tanks, barb wire, Page fence, steel and plastic pipe, tractor chains, portable air compressor, & miscellaneous items found around the farm, wagon load of small items.
TERMS: CASH OR GOOD CHECK.

MR. & MRS. FREDERICK HOBAUGH
R.D. #1 Box 132
York, Pa. 764-2612
AUCTIONEER:
Blaine N. Rentzel
Box 222
Emigsville, Pa. 764-6412

PUBLIC AUCTION
CONSTRUCTION EQUIPMENT
FARM MACHINERY
CONSTRUCTION TOOLS
THURSDAY, APRIL 29
10:00 A.M.

To be held on the premises located at 195 Grubb Avenue, N. Lebanon Twp., Lebanon County, Penna. Take Maple St. north towards Mt. Zion and turn right onto Kercher Ave. and left onto Grubb Ave. and bear left at Y to farm in lane at left.

BOBCAT 825 diesel skid steer with 2 buckets; backhoe with 2 buckets, pallet forks and Danuser hyd. post hole digger - all for Bobcat; Zimmerman 3 axle 26,000 tag along trailer; Giant 40" flatbed trailer with beavertail; 1978 Chev. series 30 dump truck 10,000 GVW; 1980 Chev. van.
Oliver 1550 row crop hydro shift gas tractor; Taylor Way 3 pt. 7 tooth chisel plow; Int. 56 - 2 row double disc corn planter with insecticide (new - planted appx. 15 acres); IH 550 manure spreader with hyd. end gate (like New); 7' Danuser 3 pt. rear blade and 3 pt. 2 row cultivator.
Gold Blatt concrete vibrator; Winco portable generator; Mueller troweling machine; David White transit level; 5 speed drill press; Century air compressor; Lincoln welder; Lombardo chain saw; 2 Century 150,000 BTU heaters; alum. scaffolding planks; floor jack; 4 pump jacks; 4 section of 5' scaffolding; B&D power saw; B&D elect. sawzall; 8'6" alum. brake; 3 ladder jacks; 3 ext. ladders; Binks paint sprayers; 25 roof jacks; 200 forming pins; 3 ton feed bin; 3 Smidley 16 hole hog feeders; 300 gal. skid tank with hand pump; 275 gal. oil tank; asst. used tires; oil fired heatrola and other unlisted items too numerous to be mentioned.

Conditions by,
C&E CONSTRUCTION
Ed Brensinger 717-274-0130
Curt Stoltz 717-865-3925
Harry H. Bachman, Auctioneer 717-867-1809

Food by Mt. Zion Church of the Brethren
Terms: Cash or approved check.

Sale Reports

The Henry Acres milking herd and bred heifer dispersal was held March 26 by Roy And Glen Henry, 2 miles south of Port Royal, Juniata Co.

The top-priced cow, a registered Holstein daughter of Elevation, sold for $7,000. and Elevation daughter and a Jerry daughter each sold for $4,300.

Two month-old calves, Bell daughters out of famous Joyce cow sold for $3,400 each. There were also two top-grade cows which sold for $1,800 each. The average for the 75 Holsteins sold was $1,775.

R. Austin Backus, Inc. managed the sale with the Pa. Holstein Association.

xxx

A public sale of farm machinery was held March 20 by Ray E. Bacon. 6 miles south of Red Lion, on Jacobs Rd., York Co.

Some prices were: Int. Farmall 986 tractor $13,800, 1975 Int. grain truck $13,050, A.C. Gleaner model K self-propelled combine $9,000, Bob Cat skid loader $1,900, old Int. truck (as is) $500, A.C. 180 D tractor $3,950, M.F. 65 tractor $1,500, 2 dump wagons $1,100 & $450, Haines 14' Bin wagon $2,000, Int. #510 grain drill $3,000, Int. #56 corn planter, $1,500, J.D. disc harrow $2,100 and Atkins 10' off-set disc $3,000.

Robert L. Sechrist was the auctioneer.

PUBLIC SALE
Inventory Reduction Sale
WEDNESDAY, APRIL 28
10:00 A.M.

FARM EQUIPMENT-NEW AND USED; LAWN & GARDEN EQUIPMENT; PICKUP TRUCK; JOHN DEERE PARTS AND ATTACHMENTS
(Absolute Sale of Used Equipment)
MILLER'S SALES & SERVICE, INC.
STEWARTSTOWN, PA
From I83 at Exit 1 proceed 5 miles East on Highway 851 which passes through our property in Boro. of Stewartstown.

TRACTORS - John Deere 520, 50, A, 3-B's, L; AC-WD; Farmall H, M; MH 101 w/6 cyl. Chrysler Engine.
COMBINES - JD 55 SP with Cab and air, 12 ft. Platform; 313 3 narrow row Head for 55; JD 45 SP with 210 Head; 10 ft. Platform for 45; JD 30 Pull Type.
S.B. MOWERS - JD No. 5, JD No. 10 Side Mtd. for rear PTO; MH #6, NI 250, IHC 110 Side Mtd.
CHOPPERS - JD 15, NH 33 Crop Cutter; Brady 606 TC and Speedy 80 Pulverizers.
WAGONS - New Holland #6 Crop Carrier; Parker 320 bu. Gravity Bin on Grove Hd. Running Gear.

NEW EQUIPMENT
(Will be sold with Reserve Bid)
JOHN DEERE - JD 1209 Mower Conditioner; 336 Baler with 30 Ejector; 714 Forage Box on 1075 Running Gear; 1075 10 Ton Running Gear; 40 Spreader; HD 336 12 ft. 3 section S.T. Harrow; C391 3 pt. Fertilizer Spreader.
HESSTON - 1014 Center Swing Mower Conditioner; PT7 Mower Condition-Pull Type; 5600 Round Baler.
PARKER - 165 bu. Grabity Bin.

PLOWS - JD 810A 3x16; JD F125 4x16, JD F130 3 Pt. 5x14 (less btms.) JD 44 Pull 2x14; JD 55 3x14 Pull Type; Int. 2x14 Pull; Single Btm.
DISK HARROWS - Dunham W.C., 8 ft.; JD 1206 x Killefer offset-pull; Int. off-set W.C., Oliver 8 ft. HD. Pull; 2 Gang Pull.
DRILLS - JD FBA 13x7; JD FBA 177; Ontario 16 Hoe.
PLANTERS - JD 494A; IHC 456; Ford 309 3 Pt 4x30.
CULTIVATORS - JD 2 Row for A or B; Farmall H; JD 4200 for 40 & 420T.
PICKERS - JD 227 Fits JD 60; Woods 1 Row Pull.
LOADERS - Freeman 1110 with 40" Bucket & 72" Ext. fits 8N Ford, JD 45 Hyd. Bucket-fits 3010; JD 46A Frame & Boom.
SPREADERS - JD 44 PTO; NH 510 Beater; NH 346 Tank.
SPRAYERS - Agway Trailer - Fiberglass Tank; Twin Draulic 6 Row 150 Gal. Trailer Type.
TRUCK - 1968 GMC with Morrison Body.
MISC. - JD 18" 32 ft. Elevator; JD #2 Swath Fluffer; JD 4B Sheller; Cunningham Hay Conditioner; NH Table Blower; David Bradley Compressor; Homemade Trailer.
LAWN & GARDEN- JD 110 Tractor w/38 Mower; Massey Ferguson 7, Wheelhorse 702, Fleetwood 7 HP, Stallion 8 HP; Ariens 5 H.P. Rider; David Bradley & Roth Walk Behind Tractors with Attachments; JD 26" 3 Speed Bicycle; Homelite 719 Chain Saw.
Much of this equipment has been serviced in our shop and is ready for field use.
All equipment subject to prior sale-other items added due to daily business.
TERMS: Cash or good check; Financing can be arranged through John Deere (JDCP) prior to sale.

MILLER'S SALES & SERVICE, INC.
19 W. Penna Ave. on Highway 851
Stewartstown, Pa. 17363
Phones (717) 993-2470 & 993-2732
AUCTIONEER:
Blaine N. Rentzel
Emigsville, Pa.
764-6412

LUNCH AVAILABLE
Not respnsible for accidents on premises.

PUBLIC SALE
OF VALUABLE FARM MACHINERY
on
SAT., APR. 17
at 10.30 A M Sharp

At R.D #2, Red Lion, Penna. along the road between Yorkana & Freysville, near Freysville in Windsor Twp The undersigned will offer at public sale the following -

FARM MACHINERY
3010 John Deere tractor, Model G Allis Chalmers tractor, J D 4 bottom 16" mounted plow, KBA 10' J D disc harrow, J D 10' cultipacker, 8 ft spring harrow, Ford 3 pt cultivator J D 236 3 pt corn planter, Century sprayer with 200 gal plastic tank, Case 16 disc drill, 2 - 16 ft rubber tire wagons, J D heavy duty bin wagon like new, J D manure spreader on rubber, bale elevator, Cardinal aluminum elevator, J D rotary mower, J D #236 baler, like new, J D 12A combine with bin J D 227 corn picker, Int riding cultivator, tobacco planter, potato planter, silage unloader, New Holland cylinder corn sheller, J D silage blower, mounted seed sower, hydraulic cylinder for 3010, front end weights for 3010, platform scales, tobacco baler, shears & lath, 3 used tractor tires 13 9x36, oil drums, Stewart clippers, 4 milk cans, several electric motors, meat bench, 500 bales of timothy hay, the usual small items off the wagon Not responsible for accidents on day of sale Refreshment rights reserved for Pleasant View Church of the Brethren

TERMS: Cash or Approved Check.

LEHMAN R. SCHLAG
Owner
Jacob A. Gilbert
Auctioneer
Phone 252-3591

Sale Reports

A public sale of farm equipment and household goods was held March 20 by N. Eugene and Anna Mary Kofroth, 708 Lincoln Rd., ½ mile east of Brunnerville, Lancaster Co.

Prices included. corn planter $195, wagon $210, Roto-Tiller $100, conveyor $140, reed baby carriage $135, refrigerator $245, dry sink $170, marble top table $107.50, Heisey glass basket $60, iron horse $32.50, iron pig bank $27.50, iron bull dog $50 and saddle $70.

T. Glenn Horst & Timothy Horst were the auctioneers.

xxx

A public sale of farm machinery was held March 19 by Roger Seville, 3 miles west of Newville, Cumberland Co.

Some prices received were.1977 Ford pickup truck $2,500. J.D. 210 tractor $2,200, Farmall Cub $1,225, A.C. baler $410, N.I. #7 corn picker $355, 3 pt. fertilizer spreader $420, M.F. corn planter $395, J.D. 12' disc $760, Oliver 3-bottom plow $480, Ferguson mower $370, post hold digger $275, and 4-wheel low trailer $500

Art Rife was the auctioneer.

xxx

A public sale of real estate and household goods was held March 27 by David Eidem, R.3, Pine Grove, Schuylkill Co. There were 298 registered buyers present at the sale.

The parcel of 18 acres with a stream was sold for $22,250. Other prices included. 3 pc. oak bedroom suite $850, 3 pc. wicker set $120, wicker planter $110, wicker desk $310, pressed-back chairs $17 to $25 each, N.H. # 56 hayrake $860, J.D. tractor $960, grain drill $340, Smoker elevator $260 and Agway 2000 W generator $390.

Jay Riegel, Jr. was the auctioneer.

xxx

A public sale of farm machinery was held March 27 by Lois A. Manifold, R.2 Airville, 1 mile north of Norman Wood Bridge, York Co.

Prices were as follows: Int. 766 D tractor $12,600, Int. 544 D tractor $6,200, J.D #7000 4-row corn planter $5,200, Int. #5100 grain drill $4,700, N.H. 1469 Haybine $5,100, rake $2,050, N.H. 315 baler $6,050, N.I. fertilizer spreader $1,900, 3 bale wagons $1,200, $1,100 & $1,000, grain bin wagon $1,000 and post hole digger $550.

Auctioneer was Robert L. Sechrist.

xxx

A public auction of farm machinery was held March 27 by George Yearick, 9 miles east of Boalsburg, Centre Co.

Some prices were. Int. 706 tractor $4,700, Int. 400 tractor $2,050, Farmall M tractor $1,500, Int 200 tractor $1,250, A.C. CA tractor & plow $1,000, Brillion roller-harrow $1,550, bale wagons $720 to $960, Int. harrow $475, Int. baler & thrower $1,000 and old Brady stalk chopper $675.

Mark Glick was the auctioneer.

A public sale of restaurant and kitchen equipment was held March 27 by Floyd L. Stoltzfus in the village of Blue Ball, Lancaster Co.

Some prices included: stainless steel table $110, oven & stove $675, electric steam table $325, salad bar $160, dishwasher $1,050, air compressor $40, under-counter refrigerator $90, 2-burner stove $700, vacuum cleaner $150 and hamburg sandwich bar $250.

Steve Petersheim & Everett Kreider were the auctioneers.

Harper's Valley Farm
Home of the Great White Breed
Pure Bred Landrace

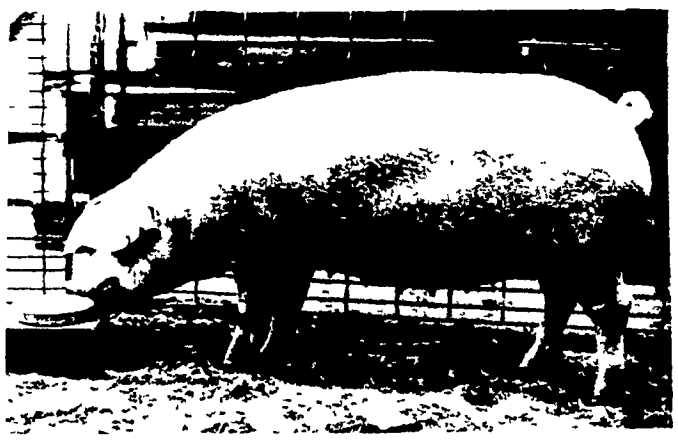
PRODUCTION SALE

SATURDAY, APRIL 17
6:30 P.M.

Directions to farm - ½ mile south of I-81 on Rt. PA 934 Exit 29, 6 miles north of Annville on PA Rt. 934.

125 HEAD
30 BRED GILTS - 50-75 OPEN GILTS
25-30 BOARS

DOOR PRIZES FREE LUNCH



VALIDATED HERD #92
Sale to be held at the farm
"Our 20th Anniversary in the Landrace Swine Business"

Sale Catalogs Available March 15, 1982
All swine to be health tested within
30 days of sale for pseudorabies

Basic Says It All

Better Conception Rates
Accent on Health
Soundness
Increased Mothering Ability
Commercial Profitability

Producers of 1982 Farm Show Grand Champion and Reserve Champion.

JAY D., JANET BLATT AND FAMILY
RD2 Box 691, Annville, Penna 17003
Phone 717-865-4842

Auctioneer Harry H Bachman

LEE D DOCKEY AUCTIONEER
LIQUIDATOR APPRAISER

PUBLIC SALE

SATURDAY, MAY 1
1:00 P.M.

In Lewisberry & Newberry Area. Located approximately 12 miles south of Harrisburg, 12 miles north of York. Take Exit 13 off Interstate 83, west on Route 382, 1½ miles to T904 Garrison Road. Turn left and go 1 mile to parcels of land.

4 BUILDING LOTS

LOT #7A. 1.07 Acres - Wooded, Perked and Probed.
LOT #7B 1.03 Acres - Wooded, Perked and Probed.
LOT #8: 1.00 Acre Wooded, Perked and Probed.
LOT #8A: 1.00 Acre Wooded, Perked and Probed.

TERMS: 10% Down, Cash or Certified Check. Further terms and conditions to be given the day of sale. For additional information, phone 717-362-9596 or 717-758-6004.

R.A. LENKER, OWNER

Allen Shaffer, Attorney
Dockey & Dockey, Auctioneers
Deppen, Apprentice

LIQUIDATION SALE

We will offer for sale the following located on Route 11 in Inwood, West Virginia on

SATURDAY APRIL 17, 1982
AT 10:00 A.M.

EQUIPMENT: Essick 1979 Asphalt and stone vibratory roller (72803325), IHC Model 175C Crawler loader (1979) (3268), Case Model 580 C backhoe loader (8963998), Gas Rammer Dirt Compactor (WK 324904098), 1977 Dodge Club Cab 3/4 Ton 4 x 4 pickup (W27BF75D39016), Int. tractor with trencher with front 3 way blade, Super C tractor and saw, metal farm disc, 3 pt. hitch sprayer, bush hog

LUMBER CO. INVENTORY AND MISCELLANEOUS ARTICLES: 4 office desks, assorted prefinished moldings, assorted PVC pipe and fittings 2" and 4", shutters, windows, doors, shelves and racks, assorted nails, plastic water lines, glass, assorted wrought iron, electric wiring, Fiberglass insulation, gas heaters, 2 electric bug killers, steel teloposts, assorted weather strip kits, snow shovels, mail boxes, assorted bolts, nuts, screws, assorted tools, files, vice, assorted hooks, eye bolts, turn buckles, 8 tool punches, Arrow hammer tackers, pop rivet tool, steel posts, assorted handles, air filters, joist hangers, ventilation grates, flower pots, flower garden tools, Ortho plant products, assorted electrical, assorted chains, door locks and knobs, pad locks, cabinet hardward, power tools and accessories, saw chain, assorted lights and bulbs, copper and plastic plumbing, assorted sink plumbing, contact paper, complete line of Athey paint and stains, assorted paint brushes, scrapers, door mats, 4 perimeter drain tiles, assorted shingles, Sakcrete, wood stains, fence posts, chain link fence fittings, Polyethelene quil, skids, all kinds of wood moldings (WP), 2" x 2" lumber, 3/4" furring strips, ceiling tile - 12"x12" - 24"x48", ice melt, window wells, and many other articles carried in the lumber business too numerous to list.

TERMS: Cash, Nothing to be removed until settled for. Identification required to receive bidding number.

SOUTH BERKELEY LUMBER COMPANY

Auctioneer:
Edgar A. Bohrer 304-229-8354
Clerk:
Carolyn L. Bohrer

Not responsible for accidents on premises.
Lunch Rights Reserved

PUBLIC SALE

Consignment

SATURDAY, APRIL 17
9:00 a.m. Sharp

Located 2½ miles north of Carlisle along Rt. 74, Waggoner's Gap Rd.

FEEDER CATTLE, PIGS, HAY & STRAW

80 head of feeder cattle, dehorned and acclimated. Hereford, Angus, and Holstein steers and heifers. Weight - 200 to 800 lbs. NO CONSIGNED CATTLE.

TRACTORS AND PICKUP TRUCK
Other Tractors w/Cultivators

Ferguson 50 and loader; Oliver 660; 9N Ford; Farmall Super C; 5206 Deutz Tractor; 1981 Ford Pickup and Gooseneck grain trailer.

FARM MACHINERY

John Deere and New Holland balers and kickers; N.I. haybine; 2,3 and 4 bottom plows; 3-point scraper blade; sprayer with 500 gal. tank; 2 and 4 row corn planters; fertilizer spreader; grain drills; side rakes; hammermill; water tank wagon; Perry and Lever harrows; disc harrows; manure spreaders; bale wagon racks; gravity bin; wood saws; mowers; combines; corn pickers; lawn and garden equipment; chain saw; hog and poultry equipment; snowmobile; lumber and locust posts; hay elevators; 2 row corn head for #E Gleaner; Wagon Chassis.
Wagon loads of miscellaneous items.
NEW TOOLS.
The late Arnold Dyarman's farm machinery will be sold at this sale.
There will be many, many articles not listed.
Terms - Cash or one-way checks. ID required for bidder's numer. Lunch Stand.

WICKARD BROTHERS
Carlisle, PA
717-243-4305
717-243-1018

Robert C. Mullendore and other Auctioneers

Not responsible for accidents.

PUBLIC AUCTION

SATURDAY, APRIL 24
at 11:00 A.M.

Between DALMATIA and HICKORY CORNERS on the Lloyd (Butch) Dreibelbis Farm; turn off Rt. 147 in Dalmatia; go east 1 mile to Lenker Lane and west on McKees Road (watch for auction signs on the Dalmatia to Hickory Corners Road on the day of sale).

FARM EQUIPMENT

Farmall Super MTA with P.S & Live PTO; Farmall H with P.S. & Double Acting Remote Control Hydraulics, good rubber; Farmall H with Loader & Snow Blade (nice condition); Int. 46 PTO Baler w/Int. 10 Thrower B&S Engine; Int. 45 PTO Baler; Int. 9' Transport-type Disk; Int. 60 3-Bottom 14" Trailer Plow; Int. 52 & Int. 100 Flat Bed Wagons w/Dumps, Hay Racks, Silage & Low Grain Sides; Woods Bros. Single-row Corn Picker; Int. PTO Manure Spreader; Case 28' Grain & Bale Elevator; Int. 12' Model 401 Tractor Harrow; Single Roll Cultipacker; Int. Side Delivery Rake; Ontario 12-hoe Grain Drill; Trailer-type Weed Sprayer w/Boom; (2) Int. 7' Mowers; Int. 310 6' Stalk Cutter; Int. 2-Row Mounted Corn Planter; 11x38 Tractor Tire & Wheel; Int. No. 6 Hammermill; Tractor Chains; Cultivator for H or M; 6" Endless Rubber Belt; 20' Aluminum Extension Ladder; Wheelbarrow on Rubber; Hydraulic Cylinders & Hose; PTO Seeder; Garden Sprayer; Scythe; Tarp; Milk Cans; Snow Fencing; Scalding Trough; Stepladder; Hand Tools; Single & Double Trees; Cast Iron Seat; Potato Plow; Hiller; Grain Cradle; Hand Cultivator; Clipper Fanning Mill; Corn Sheller; Wagon Wheels & Seat; Bucksaw; Wooden Planes; Dry Lumber; 2-Section Bobsled; many other items.

1951 INT. L-120 TRUCK

LEE R. DREIBELBIS, Owner

Most of this equipment was purchased new and has been well maintained. It is ready to go to work for you! Owner retired.

DEIBERT
George & Mike
Auctioneers
(717) 425-3313

ASA, NFU discuss farm problems

WASHINGTON, D.C. — Leaders of two national farm groups — the American Soybean Association and National Farmers Union — met last week to discuss ways they could work together to increase farm profits.

"We agreed on several issues," says Charles Hamon, a Valley Falls, Kansas, farmer and ASA president. "Both of us are concerned about high interest rates and low prices. Both oppose current cargo preference and user fee legislation. Both feel we must improve the U.S. transportation system."

The two groups also discussed the state soybean checkoff programs which support soybean research and worldwide export promotion programs.

"The National Farmers Union doesn't have any problems with the state soybean checkoffs," says George Stone, NFU president. "But we are concerned when commodity organizations get too self satisfied. Commodity organizations and general farm organizations need to work together."

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

APRIL

SAT APRIL 10 - 9 30 A M Public Sale of Farm Equipment, Tools and Etc Located 4 miles west of Manheim, PA, 10 min from Rt. 283, Lancaster Co, PA C H Wolgemuth and Sons Annual All Day Consignment Sale

SAT APRIL 10 - 9 A M Public Sale of Large selection of Shrubbery, Trees and Ferns Located along Union Grove Rd, 1 mi east of Terre Hill Spring Grove Nurseries, Owners Nevin Martin and Lewis Groff, Auctioneer.

SAT APRIL 10 - 10 A M 7th Annual Consignment Sale by Darrow's Used Tractors located 1 mi south of Sheds, New York on Rt. 13 or ½ hour drive from I-81. 315-662-3876

PUBLIC AUCTION

Valuable Real Estate
MONDAY, APRIL 26
6:30 P.M.
Located on Scotland Road, East Drumore Twp., Lancaster County, Pa. 1 mile South of The Buck.

Professional - Commercial

Real Estate consists of a large lot of ground thereon a fine home - office - Showroom and parts or storage area 2400 sq. ft of Business area with Bathroom, home has 2 large Bedrooms 2 baths, Family room, Living room, Kitchen, lots of closet space, fireplace also chimney for wood or coal burning stove. Full Basement Rec room complete with bath.

For the party with the airplane! Tanglewood air strip is just South of this property. Vacant and ready for you, will be open for inspection, April 17, 12:00 noon til 3:30 p.m. or by appointment.

Please come take a look at this ready to go property.

Sale By Owners
DAVID B. HESS
BETTY J. HESS
464-4552

E.M. Murry Assoc., Aucts.
O. Howard Mummaw, Atty.

LARGE AUCTION SALE

SATURDAY, APRIL 24
8:45 A.M.
FOR: Henkels & McCoy to be held at their yard on Rt. 295 in Strinestown, Pa. (7 mi. n. of York at Exit 12 of Rt. 83). Everything Sells to the Highest Bidder.

HYD. EXCAVATORS, CRAWLER CRANE, CRAWLER TRACTORS & CRAWLER LOADERS, RUBBER TIRED LOADERS & BACKHOES, TRENCHERS, BUCKET TRUCKS, DUMP TRUCKS, CAB & CHASSIS, PICKUPS, SUBURBANS, CAR, FLATBED TRUCKS, BUSES, MOWERS, TRAILERS, CONTRS. TOOLS, PARTS, ACCESS., & MORE.

Terms: Complete Payment Sale Day in Cash or Guaranteed Funds Only.
Write or call for complete listing:
VILSMEIER AUCTION CO., INC.
Rt. 309, Montgomeryville, Pa. 18936
(215) 699-5833

Cornwall Manor Annual Furnishings Sale

Cornwall, Pa.
SATURDAY, APRIL 17
at 9:30 A.M.

Huge selection of quality names like Ethan Allen, PA House, Kling, National, Maddox, Sterling House, Taylor, Van Sciver & Cherokee! Largest selection is in 12 bedroom suites, hi chests of drawers, 10 wardrobes, some cedar, 18 dressers in cherry, mahogany, maple, fruitwood, oak, Birdseye & Fr. Prov.; Home Electric Hospital bed (1500 new); 12 Single beds, complete; 3 Eclipse sofa beds (like new), 5 cedar chests, 7 uphl. recliners, 4 rockers, Virginia sofa, Lowboy, 4 Gov. Winthrop desk, bookcases, maghog. glass top corner cupboard, uphl. love seat, 7 cherry, oak & mahog. kneehole & spinet desks, mahog. server, Duncan Phyfe dining room table & chairs, gate leg tables, 14 lamp & end tables, 5 rugs, 2 music cabinets, Victorian & uphl. chairs, card table sets, tea cart, PT exercise bed, 3 Motorola & Magnavox color TV consoles, 4 Zenith port. TV's & stereo, 3 elec. servers, dinette set, 32 framed oil ptgs. & mirrors, Shakespearean tapestry, 4 platform rockers, steamer trunk, luggage, Windsor ladder back & captain chairs, 15 brass floor lamps, 12 table lamps, bookshelves, 2 pc. liv. room suite, 5 old wicker chairs, set of Noritake, jewelry, needlepoint stool & chair, 13 church plates, kitchenware, pots & pans, blankets, linens, towels, plus 20 unpacked boxes. Food served by the home.

Claude F. Smith
V. Ronald Smith, Auctioneers

FEEDER SALE!

Wed., Apr. 14
6:30 P.M.
Four States'
HAGERSTOWN, MD
Call 301-733-8120

ESTATE AUCTION

SATURDAY, APRIL 17
at 9:30 A.M.
Along Route 147 in the Borough of HERNDON; Northumberland County, Pa.; 12 miles South of Sunbury.

Parcel No. 1

Corner Lot 60 Ft. x 150 Ft.;
7-Room Frame Dwelling;
Bath, Oil Heat
Frame Garage
The Frame Garage on this property was used as an Auto Repair Shop and State Inspection Station and will be a real asset for any HANDYMAN!

Parcel No. 2

LOT between the Railroad and River have 60 FEET FRONTAGE on the SUSQUEHANNA RIVER. If you like Fishing and Boating, investigate now and make this your own Private BEACH! (Parcel No. 1 and No. 2 are separated by the railroad and the alley).

FOR INSPECTION CALL: (717) 752-7430 or (717) 683-5892 after 4:00 P.M.

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 1:00 P.M.

GARAGE EQUIPMENT & TOOLS

Black Hawk 3-Ton Floor Jack; Coats Tire Changer; Bishman 570 Wheel Balancer; Air Compressor; Grease Gun; Hydraulic Bumper Jack; Chain Hoist; Impact Wrench; Anvil; Forge; Grinder; Bench Vise; Tap & Die Sets; Ignition Cabinet; Electric Drills; Hand Saws; Air Wrenches; Tow Chain; Oil Drum w/Barrel Pump; Assortment Parts & New Tires; FULL LINE MECHANICS TOOLS; Tool Boxes; Metal Desk; Hubcabs; Engine Blocks; Gear Oil Dispenser; Metal Shelving; Blow Torch; Carpenter & Garden Tools; (2) Coal Hand Fired Furnace; Bucket-a-Day Stove; Rolls of Fencing; Wheelbarrow; 14' Boat; Jari Sickle Mower.

FARMALL F-20 TRACTOR, nice condition.

1967 INT. SCOUT (Right-Hand Drive), 1965 PLYMOUTH FURY. WESTERN FIELD 12 Ga. Double Barrel Shotgun; MARLIN 35 Cal. Model 336 Rifle; ITHACA 20 Ga. Model M66 Shotgun; REMINGTON 22 Cal. Rifle.

HOUSEHOLD ITEMS - ANTIQUES & COLLECTIBLES

Frigidaire Refrigerator; Table & Chairs; 4-Pc. Waterfall Bedroom Suite; Beds; Bureaus; Wardrobes; Sofa; Occasional Chairs; Desk; B&W Console TV; Electric Sewing Machine; Vacuum Cleaner; Floor & Table Lamps; Rugs; GUN CABINET; Small Electric Appliances; Bedding some Quilts; Porcelain Top Table; Highchair; Clothes Tree; Books; Picture Frames; Dishes; Cooking Utensils; Garden Hose; (3) THREAD CABINETS; Lamp Stands; Plank Bottom Chair; Trunk; Daisy BB Gun; Lanterns; Crocks; Cider Spitgot; Souvenir Items; Dishes; Glass Butter Churn; Bugle; Accordian; Lot Cancelled Postage Stamps; etc.

ESTATE OF MARLIN R. DEPPEN
Mary A. Deppen, Administratrix

Lunch Available
Tools & Garage Equipment will be sold first.
Isaac J. Tressler, Attorney

DIEBERT
George & Mike
Auctioneer
(717) 425-3313

PUBLIC SALE

SATURDAY, APRIL 24
AT 11:30 A.M.
Located in Halifax, R.D. 4, Dauphin County, Pennsylvania, 3 miles north of Halifax, Penna. on Route 147 or 3 miles south of Millersburg on Route 147 and 3 miles east of Ebenezer Road to Township Road, south ¼ mile and north on unpaved road. (Watch for Sale Signs).

MOBILE HOME

A 1980 Liberty 14 ft. by 55 ft. mobile home with skirting, storm windows and doors and fuel tank. Inside features include electric stove, refrigerator, washer and dryer and walk-in closets. Owner is giving the option of leasing ground where home is presently located. Home has 2 bedrooms, living room, kitchen and large bath.

TERMS of home are 10% down and other conditions the day of sale. For inspection call 896-3630. Mobile home will be offered at 1:00 P.M.

CARS

1973 Plymouth Fury II (360 HP engine) high mileage and currently inspected. Fury has very good body and interior condition.

1963 Ford XL car, "original", a 4-speed transmission, with 61,000 miles and in good running condition.

FARM MACHINERY

John Deere (2840) diesel tractor used only 900 hours, Farmall F-20 tractor on rubber, John Deere (1350-1450) 4-bottom plow with side hill hitch (cylinder and hoses included), New Holland (477) 7 ft. haybine, I.H.C. hayrake on rubber, New Holland (273) PTO baler with bale thrower, Hub (155) 40 ft. bale elevator with corn head for crib, New Idea (323) PTO cornpicker, New Holland (33) crop chopper, New Holland (515) 205 bushel PTO manure spreader, Mayrath 16 ft. (4") grain auger with motor, two McCurdy (165 bu.) gravity bin wagon on John Deere running gears (telescopic tongues), two Grove highrack haywagons, 20 ft. feeder wagon on John Deere running gear, two Behlem (750 bu.) corn cribs (must be dismantled), 20,000 gallon steel storage tank, 275 gal. gas tank on skids, 285 gallon diesel fuel tank on skids, 55 gallon dump with pump and other small items.

THIS LINE OF MACHINERY IS IN NEARLY ALL LIKE NEW CONDITION. This will be a short sale, so please be prompt. CASH OR CERTIFIED CHECKS ONLY. Personal checks accepted if known by owner or auctioneer. Lunch available.

MR. & MRS. MICHAEL SNODY,
Owners
Earl Richard Etzweiler, Attorney
Ed Shoop, Auctioneer

Ed Shoop AUCTIONEER — PUBLIC SALES APPRAISALS LIQUIDATIONS — R.D. 2 RIDGE ROAD HALIFAX, PA. (717) 896-8086 — LICENSED BONDED

GUN AUCTION

Over 100 Rifles-Handguns-Knives
Antique Bamboo Rods-Accessories
Winchesters-Parkers-Remingtons
Springfield-Lockblades plus Unusual
Converted Flintlock to Percussion with Unique Safety
WEDNESDAY, APRIL 14
at 7:00 P.M.
Along Rt. 23 at Ridge Fire House near Pottstown, Pa., 3 miles East of the 23 and 100 Intersection.

Here is a sneak preview just before the opening of Trout Season with a fine selection of Winchester-2 different models of 1873; 54, 88, 94, 1200, M-1, plus commemoratives, a Finest Damascus, two Parkers, 30-06 Mauser by Sedgeley of Phila., Ithaca Model 49, Savage Model 29, Stevens Model 94, not to forget a great selection of Lockblade with Ebony, Micarta and fine wooden handles plus the finest Antique split Bamboo Rod collection I ever saw by South Bend Jay Harvey, Heddan, Montagues by Rapidan, Leonard Salmon Rods and more flyrods all with excellent tips plus many more great items from W.W. II and etc.

PREVIEW AT 6:00 P.M. AUCTION TO BEGIN AT 7.00 P.M. ANOTHER FINE GUN AUCTION. MAKE SURE YOU ARE ON OUR MAILING LIST. NO GUN AUCTION TOO LARGE OR SMALL.

KEN MOYER
Auctioneer
Your "Specialist" in Auctioneering
1285 Sheephill Rd.
Pottstwn, Pa. 19464
215-323-7313

PUBLIC SALE OF VALUABLE FARM MACHINERY

on
THURS., APR. 15
at 11 A.M.
At R.D. #12, York, Penna. along Gun Club Road located between Manor Road & Freysville Rod in Lower Windsor Twp. The undersigned will offer at public sale the following -

1967 Farmall 656 tractor with approx 3600 hours in very good condition, Farmall F20 tractor with workers, McCormick SPV 12 ft cut self propelled combine, Int 45 pickup baler, Ontario 13 hoe disc drill, cultipacker, 2 disc harrows, Brady hay crimper, Sears 16' rubber tire wagon, McDeering side delivery rake on steel, hay tedder, New Idea one row tobacco planter, Ontario 13 hoe disc drill for parts, Int No 20 mounted 2-row corn picker, Int No 311 3 bottom 14" plow, Int 2 row pull type corn planter, one row potato planter, potato plow, Papec ensilage cutter, McDeering cylinder corn sheller, 2 hole corn sheller, Cannon corn sheller, tobacco hoers for A Farmall, tobacco hoers for McDeering cultivators, antique corn sheller, bob sled, Wisconsin 4 cyl air cooled motor recently overhauled, 2 sets of tractor chains, hay rope & fork, single & double trees, pitch forks, some of the usual items off wagon Not responsible for accidents on day of sale Refreshment Rights Reserved for East Prospect Fire Co

TERMS: Cash or Approved Check.
RAY V. MARTIN
Owner
Jacob A. Gilbert
Phone 252-3591

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT APR 10 - Public Sale of Farm Implements, Building Materials, Household Goods and Antiques 14th Annual Public Sale of the Rawlinsville Fire Co 717-284-4530 or 284 2159

SAT APR 10 Public Consignment Sale of Cattle Located at the farm of J Cletus Rhoads, Alexander, PA

SAT APR 10 - 10 A M Public Sale of Farm, Tractors and Farm Equipment Located on Rt 443, 1 mi west of Rt 443 and Rt 183 intersection, near Friedensburg in Wayne Twp, Schuylkill Co, PA Vera Bowen, Owner Jay Riegel, Jr, Auctioneer

SAT APR 10 - 10 A M Public Sale of Antique Tractors, Machinery, Nice Antiques, Household and Glassware Located taking U S Rt 15 Business approx 4 mi south of Gettysburg, PA, turn left at Greenmount Food Market and continue approx 2¼ mi to sale Mrs Fred (Viola) Green, Owner Owner C David Redding, Auctioneer

SAT APR 10 10 30 A M Public Sale of Farm, Farm Equipment, Household Items,, Antiques and Collectibles Located along Rt 147, 2 mi south of Dalmatia, 7 mi north of Millersburg in Lower Mahaony Twp, Northumberland Co, PA Ida G Witmer, Owner George and Mike Deibert, Auctioneers

SAT APR 10 Public Sale of Equipment Consignments wanted Located on the Leon Martin farm, Kunneytown Rd, Fayett, NY 1½ mi east off Rt 414, 1 mi west of Rt 89 off Leader Rd, Seybolt Rd Frank and Ann Exman Goodrich Auction Service

SAT APR 10 9 A M Public Sale of Farm Machinery, Truck, Buildings and Personal Property Located in York Co, from 183 Exit 4 Leader Heights, take Rt 182 west to George St, go South ¼ block turn southwest onto Reynolds Mill Rd, approx 3 mi to Ranch Rd, 1st on left Mr and Mrs Clarence Smith, Owners Dennis Stover, Auctioneer

APR 10 and 16 10 A M 2 Day Public Auction of Real Estate, Antiques and Household Goods Located 1½ mi south of Strasburg, corner of May Post Office Rd and Hilltop Rd or east of Quarryville off Rt 372, north on May Post Office Rd for approx 5 mi Sale by Gertrude Hess Auctioneers - Lloyd H Kreider and Randal V Kline

SAT APR 10 A M Public Sale of Real Estate Located West Sadsbury Twp, between Parkesburg and Atglen on Upper Valley Rd, near Lenover, Chester County, PA, 20 mi from West Chester, 18 mi from Lancaster and 25 mi from Newark, DE R Preston Shoemaker, Owner Whiteside Auction Service

SAT APR 10 10 A M Public Sale of Farm Machinery Located on Rt 610, Hope, NJ Charles Castinore, Owner Col Fred R Daniel Auctioneers Inc

SAT APR 10 - 11 A M Public Sale of Farm, Household Goods and Antiques Located along Rt 625, between Bowmansville and Rt 23, near Center Church Elmeda K Good Estate Lester O Weaver and Barry D Wanger, Auctioneer

SAT APR 10 - 10 A M Public Sale of Farm Machinery Located on Rt 610, 1 mi west off Rt 519, 3 mi south of Hope, NJ, 3 mi north of Bridgeville, NJ, off Rt 46, 12 mi south of Delaware Water Gap, 25 mi northeast of Easton, PA via Rt 22 to Rt 519 Charles Castimore, Owner Col Fred R Daniel, Auctioneers, Inc

SAT APR 10 and FRI APR 16 10 A M Two Day Auction of Real Estate, Antiques, Household Goods and Guns Located 1½ mi south of Strasburg Corner of May Post Office Rd and Hilltop Rd or east of Quarryville off Rt 372 north on May Post Office Rd approx 5 mi Sale of Gertrude Hess, Kreider, Kline and Shirk Auctioneers

SAT APR 10 11 A M Public Sale of Feeder Cattle, Hogs and Misc Located at Port Trevorton, RD 1, turn east from Rt 104 at Meiserville and north ½ mi at sale sign Roy Martin, Owner L Klingler, Auctioneer

GARAGE AUCTION

VOLKSWAGEN AGENCY OF 13 YRS. for: FUTURE CARS, INC. 2nd & Kendron Ave., FOLSOM, PA. Delaware Co., Rt. 420.

SATURDAY, APRIL 17
9 A.M.

* Modern Equip., * Power & hand tools * Huge parts inv. Office furniture & machines * 1980 & 81 VW demonstrators * LITERATURE from 61 to date.

Equip.: Ammco drum & disc lathe, BOSCH front end machine & lift; (6) Arco 3 reel lube outfits, trans. & floor jacks, engine crane, engine stands, valve & seat refacing machine, welder, tire changers, scope, Hyd. press, exhaust emission analizer, drill press, porta power, pedestal grinder, gas buggy, lube dispensors, Bear headlite aimer, spin balancers, air wrenches, buffers, key machine, steam jenny & much more.

* HURCULES COMPUTER CONTROL CAR WASHER * ERICSON TELEPHONE SYSTEM w/27 PHONES & COMPONENTS * 100 NEW & USED tires * 4 GOLD MEDAL VENDING MACHINES *** 1980 & 81 VW DEMONSTRATORS ***

100 sets of wheel covers, 50 NEW WHEELS & ALL KINDS OF VW SPECIAL TOOLS, (2) MICROFICHE'S * IMPACTS, PLUS ignition, fencers, hoods, running gear, etc.

** IF IT'S VOLKSWAGEN!!! WE PROBABLY HAVE IT.

OFFICE: (13) STEEL FILING CAB., lateral file, (2) EXECUTIVE IBM typewriters, 10 adding machines, (8) wood & metal desks, safe, swivel & straight chairs, copy machine.

TERMS: CASH SALE INDOORS.

Rodman B. Geyer, Auct.
Lansdale, Pa. 215-584-9022 Eves.

PUBLIC SALE

Farm Equipment & Household Goods
SATURDAY, APRIL 17
10:00 A.M.
North Oak St., Salunga, Pa. along 283 By-Pass.

748 Int. Tractor diesel w/cab, w/2250 mount-o-matic loader and snow scoop w/216 hrs.

J.D. 281 transport disc harrow, 6 ft Bush Hog, Durham transport disc, N.H. No. 2 hay cond., Spring harrow, single row tobacco planter, 2 Minnich tobacco presses, A.C. tractor cab, 84 in. Myers snow blade, Int. tractor weights.

16 ft., 20 ft., 3x4 tobacco scaffolding, heavy timbers, feed troughs, 275 gal. oil tank, 4 in. pump w/Band S engine, 3 in section hose, steel door w/rollers and track, kerosene heaters, propane 200,000 BTU. heater, 4 in cast iron pipe and fittings, F.B. Morris water pump, steel fence posts, fence charger, battery charger, high pressure washer, 22 ft. alum. ext. ladder, 10 ft. alum. gate.

36 in. Craftsman riding mower w/blade, 26 in. riding power, 20 in power mower.

Industrial band saw w/34 in. throat, bench vise, misc tools, bolts and nuts

Misc. household goods.

Sale for:
MARSHALL KLINE

Sale by:
J.H. Davis Auction Service
Salunga, Pa. 898-7610

ANNUAL SPRING HEIFER SALE

TUESDAY, MAY 11
6:30 P.M.
Sale to be held at the Green Dragon Livestock Sales Barn, RD 4, Ephrata, PA.
Consisting of 350-400 head of heifers

Stages-from calves to springers. Some vaccinated-purebreds and grades.

Consignments from local farmers and also western and northern Pennsylvania.

All Consignments Welcome

We would appreciate if all cattle were consigned by noon on May 11.

30 day TB test and health charts furnished.

Walter H. Risser
Proprietor

717-733-2444 office
717-838-4318 home

FARMERSVILLE AUCTION

TUESDAY, APRIL 13
5:30 P.M.
In Farmersville, 3 mi. east of Brownstown, Lancaster Co., Pa.

Selling for Mary Snyder of Lancaster, plus additions.

G.E. apt. size refrigerator; love seat; single bed complete; maple dresser; bachelor's chest; base cabinet; Maytag wringer washer; Ebersole ext. table w/16 boards; set of 6 Ebersole plank bottom chairs; dishes; 2 new quilts;

Garage lot farm a retired farmer; platform scales, etc.

This is only a brief list!
We sell on commission

Call **JOHN J. RUTT**
354-5095

COMPLETE DISPERSAL

LLOYD & SARA HORTON
Rome, Bradford Co., Pennsylvania
having decided to retire and discontinue farming we have been commissioned to sell on

TUESDAY, APRIL 20
@ 10:30 A.M.
at the farm on Windham-West Warren Road - 8 miles North of Rome, Pa. via Pa. Rte. 187 - 6 miles South of Nichols, N.Y., via N.Y. Rt. 282; 14 miles North of Towanda, Pa. WATCH FOR ARROWS.

FARM TRACTORS: John Deere 4030, QT 1 cab, (nice tractor); 72 Ford 5000 D w/8 spd.; Fordson Super Major w/Dunham Ldr.; Farmall "H".

COMBINE: John Deere 55EB w/10 ft. grain platform, cab.

MACHINERY: JD 4x16 AO 145 Plow; JD 3x16 semi mtd. plow; IHC 401 drag; 10' drag; JD 1240 corn planter; JD 8250 Grain Drill (like new); crop sprayer 300G; JD 1209 mower-cond.; NI 272 cutditioner; NI rake; JD 336 baler & thrower; 2 basket wagons (good AC gears); JD 428 elevator; JD #35 Forage Harvester 2 row corn & pick-up; AC self unldg. wgn. w/new tandem gear; IHC #51 S.U. wgn.; Kilbros. 350 & 300 gravity wagons; 6" hyd. fert. auger; dump trailer; Kools blower; AC blower; NI manure spdr. flail; JD 16A flail chopper; NI 325 PICKER 12 ROLL HUSKING BED; Gehl 95 mixer grinder; JD 2 row corn pltr. **POTATO EQUIP.:** JD 2 row pltr.; JD 1 row digger; potato hiller cultivator; 100 potato grates; 100 gal. fuel tank; Elec. Welder; Anvil; Rip Saw; old potato digger, etc. Fidelity 25KW Alternator.

PRODUCE: 2500 bales hay to be sold in 2 lots; pile corn ensilage; 10' haylage in 16'x40' silo; 2000+ bushels ear corn; some straw.

MILKING EQUIP.: * 4 Delaval Milkers (new pulsators); dumping station.

* **NOTE:** A good line of late model serviceable farm equipment.

TERMS: CASH OR GOOD CHECK. LUNCH AVAILABLE.

LLOYD & SARA HORTON
Owners

Sales Manager and Auctioneer
Howard W. Visscher
Phone 607-699-7250
Nichols, N.Y. 13812

WEEKEND OR HUNTING LODGE
AT ESTATE SALE
SATURDAY, MAY 15

Juniata Co., 35 mi. N.W. of Hbg.

16 ac. w/12 room house, large barn, surrounded by 200 ac. of exc. hunting land. For brochure, contact:

Long Bros., Aucts.
R.D.2, Port Royal, Pa. 17082
Ph. 717-527-4784

LEE B DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 759 6004

PUBLIC SALE

SATURDAY, APRIL 24
9:00 A.M.
Located 4 miles west of Pillow, Pennsylvania, 6 miles east off Route 147, 4 miles east of Malta. Watch for sale signs along Route 147 day of sale.

FARM MACHINERY

Farmall H Tractor with Good Rubber; Allis Chalmers 5 h.p. Roto Tiller (practically new); International PTO Grass Mower; Cultivator for International H Tractor; McCormick 2-Row Corn Planter; McCormick Deering Manure Spreader; International 2-Bottom Plow; New Holland Belt-Driven Corn Sheller; Dellinger Hammermill; 4" Dia. Snowco 12' L Grain Auger; (2) New Holland Belt-Driven Grinders; Disk; Culti-Packer; Spring Tooth Harrow; Homemade Tractor Mount Sprayer; Horse Drawn Cultivator; Electric Brooder Stove; Horse Drawn Work Sled; 2-Wheel Trailer; 2-Cycle Maytag Gasoline Engines, Rubber Tire Wheelbarrow; Large Assortment of Log Chains; Tractor Chains; Kleenco Egg Grater, Egg Washer; Etc.

TOOLS

Black & Decker 6½" Circle Saw; Power Kraft 7" Disc Sander-Polisher; Pioneer 1074 Chain Saw; 6" Circle Saw; 3/8" and ½" Electric Drill Press; Large Bench Vise; Belt-Driven Buck Circle Saw; Bench Grinder with Motor; Blacksmith Anvil; ½" Socket Set; Hydraulic Jacks; Homemade Air Compressor; Large Assortment of Woodworking and Mechanic's Tools; Etc.

ANTIQUES & COLLECTIBLES

The Following Pieces of Furniture in Oak. 3-Pc. Bedroom Suite, Large 4-Drawer Table, C-Roll Desk, Sideboard, Swivel Desk Chair, (2) Extension Tables, Gun Cabinet; Barber's Chair; Blanket Chest; Flour Chest, Jenny Lind-Type Crib; Kitchen Cabinet; (2) Jelly Cupboards; Dry Sink - as is; Dough Box; Wooden Easel; Assorted Rockers - such as Wicker and Wooden, Child's Pressed Back, Plank Bottom; Floor Model Radio; Round Top Trunk; Wooden Wagon Wheels, (2) Iron Butcher's Kettles; Wooden Dovetailed Tool Chest; Enterprise Sausage Stuffer; Hanging Scale; Meat Bench; Assortment of Gas Fixtures and Shades; Etc.

HOUSEHOLD & MISC. ITEMS

Frigidaire Refrigerator; (2) Wooden Rockers; (2) End Tables; (2) High Chairs; Large Assortment of Radios and Radio Parts; Paco Model 60 Tube Tester; Paco Model G-30 RF Signal Generator; Simpson Volt-OHM-Milliammeter; Electric Model D-612T Filtered DC Power Supply; Precision Model IC Capacitor Tester; Assortment of New Radio Tubes; Metal Wheelbarrow; Wooden Extension Ladder; Large Selection of Used Lumber; 12' Aluminum John Boat; 4-Cycle Portable Gasoline Engine with Prop for Air Boat; Etc.

GUNS

Remington Gamemaster Model 760, 270 Cal. with Leupold 3-9 Power Scope; Winchester Model 62 22 Rifle; L.C. Smith 12 Gauge Hammer Double Barrel.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

VIOLET A. LENKER
Owner

DOCKEY & DOCKEY, Auctioneers
DEPPEN, APPRENTICE

Public Sales Register

SAT APR 10 - 10 A M
Public Sale of Household Items, Misc Tools and Some Antiques Located east of Quarryville off Rt 896 near Nine Points, Dry Wells Rd Lanc Co , PA
Virginia McCabe, Owner
Carl and John Diller, Auctioneers

SAT APR 10 10 A M
Public Sale of Fish Commission Surplus Located in Pleasant Gap, PA, Fish Commission off Rt I 80 exit 24 Milesburg to Rt 64 to , Rt 144 North Department of General Services, Owner John and John Jr Autotore, Auctioneers

SAT APR 10 - 10 A.M
Public Sale of Farm Equipment Located along Rt 309 between Schnecksville and New Tripoli, Lehigh Co , PA
Willard Geiger, Owner
Ralph W Zettlemoyer Auction Co

SAT APR 10 - 10 A M
7th Annual Consignment Auction Located at Darrow's, Rt. 13, Sheds, NY, 13151

SAT APR 10 10 30 A M
Public Sale of Farm Equipment and Ear Corn Located 20 mi southeast of Lancaster, 6 mi north of Oxford, 2½ mi east of Rt 472 from Union, 4½ mi south of Nine Points along the Bell Rd , Colerain Twp , Lanc Co , PA
John Rupert, Owner Diffenbach's Auctioneers

SAT APR 10 - Public Sale of Workshop Tools, Clocks, Lumber and Hand Tools Located at 42 E Main St , Palmyra, Lebanon Co , PA Jim Herb, Owner Harry H Bachman and Jerry Davis, Auctioneers

SAT APR 10 - 11 A M
Public Sale of Furniture Antiques, Oriental Rugs, Silver, China, Household Items Located at Rudnick's Sales Barn, Rt 213, Galena, MD Harry Rudnick and Sons, Inc , Auctioneers

SAT APR 10 - 9 30 A M
Public Sale of Tractors, Trucks, Farm Machinery, Antiques and Ponies Located on Rt 413, Buckingham, PA, 1 mi north of Rt 202 George R Johnson, Owner Henry K Freed, Auctioneer

SAT APR 10 - 10 A M
Public Sale of Construction Equipment, Trucks and Tools Located going south on Rt 1 from Lewes to Rehoboth, De , first blacktop road to left past Rt 24 traffic light (County Rt 270), go approx ½ mi , first road to right (County Rt 270A), sale on right George M Howard and Son, Owner Wilson's Auction Sales, Inc

SAT APR 10 - 10 A M
Public Sale of Horse, Equipment and Household Goods Located 1st farm east of Latsha Lumber Co , Rt 39, northeast of Harrisburg, PA Benjamin F Behrens Estate L M F Hocker and Harnsberger, Auctioneers

SAT APR 10 - 10 A.M
Public Sale of Construction Equipment, Trucks, Tractors, Farm Equipment and Misc Located across from fire hall, Unityville, PA, 10 mi north of Millville on PA Rt 42 Wayne Arthur, Auctioneer

SAT APR 10 10 A M
Public Sale of Real Estate and Farm Machinery Located in Franklin Co , 1 mi northeast of Doylesburg in Burns Valley Homer Fleagle Estate Speer, Harry and Speer, Auctioneers

SAT APR 10 - 12 Noon
Public Sale of Vehicles, Implements, Lumber and Collectibles Located Shenks Lane, Millersville, one block south Millersville State College College View Properties Amos Sensenig, Auctioneer

SAT APR 10 11 A M
Public Sale of Machinery Located on the Gordon Wood Farm on Rt 15 between Tioga and Lawrence, PA 7th Annual Machinery Consignment Sale Wood's Auction Service

MON APR 12 - 12 Noon
Public Sale of Farm Equipment Located along Cinder Rd , R D 2, New Providence, Lancaster Co , PA. from New Providence at fish ponds take Cinder Rd , 1 mi south to sale Mrs Brandt T Hipple, Owners Howard Shaub and Roy C Probst, Auctioneer

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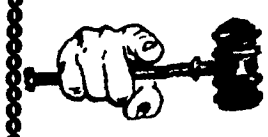

PUBLIC SALE

TRUCK LOAD OF NEW TOOLS FOR FARM, GARDEN, SHOP AND CARPENTER

MONDAY, APRIL 12

At 7:00 P.M.

Located in the village of Farmersville at the Farmersville Fire Hall, 3 miles north of Rt. 23 between New Holland and Leola, Lanc. Co., Pa.

Brand name - Atlar-True Temper - Amer - SK. Fuller, Stanley Plum - Lufkin - Diamond Horse Shoe - Hanron - Duracuft and others, Shovels, Forks, Rakes, Brooms, Scrapers, Hoes, Jacks, Digging Iron, Grinders, Vise, Tool Boxes, Levels, many kinds of Wrench and Socket Sets, Combination Sets, Adjustables, Vise Grips, Clamps, Hammers, Sledge Hammers, Mauls, Pliers, Garden Hose, Skill Saws, Hand Saws, Blades, Tin Shears, Chisels and Chisel Sets, Tapes and Rules, Flashlight. Batteries, Tape, Power Pulls, Wheel Puller, Brushes, Files, Wedger, Wheelbarrow, many kinds of Handles, Wrecking Bars, Nails, Electric Cords, Concrete Trowels, Drills, plus many other items too numerous to mention.

Terms by,
A.K. KING

AUCTIONEERS
Robert E. & Jeffrey R. Martin,
656-7770
Frank L. Steller, 656-8195

Refreshments by the Ladies Auxiliary
NO OUT OF STATE CHECKS

PUBLIC SALE

15th ANNUAL FEEDER STEER SALE

SATURDAY, APRIL 17

Starting 11:00 A.M.

Located 12 miles west of York, Penna. ¼ mile east of East Berlin, Penna. along Route #234.

120 FEEDER STEERS 120

120 head of steers weighing from 300 to 700 lbs. consisting of 90 Charolais, Herefords, Angus, Crossbreds, and 30 Holstein. All acclimated and wormed - no horns. The right kind for pasture.

Steers will be sold at 1:00 P.M.

FARM EQUIPMENT

J.D. 780-9 FT self-propelled Haybine; 2-J.D. 3 beater Chuck Wagons #125 and #115; J D No. 50 side-mounted Mower; J.D. 127 Gyramor Rotary Mower; J.D. 4-row front Cultivators; New Ideal Spreader with hydraulic gate with tandem axle; Case 4-16" semi-mount Plow; Case 28-16" Transport Disc Harrow; 9 ft. Cultipacker; Oliver Drill; 2 section Harrow, 4 section Harrow; Smidley 10 ft. Steer Stuffer in good shape; 7 sets of front Gears; 2 sets of Britch Ban Gears. 7 Collars; 15 Bridles; 3 Saddles; Binder Whip; 2, 3, 4, 5, and 6 Horse Hitches; 2 and 3 Horse Spreaders; Wood Jockey Sticks; Double and Single Trees; new Canvas; Potato Plow; Wheelbarrow Seeder; Clippers-like new; Screw Jack; Log Chains; Cow Chains; Tools and Garden Tools. Many other items of interest.

C.L. "COT" JACOBS
Barry L. Jacobs
East Berlin, Penna.

Clair R. Slaybaugh, Auctioneer
R. Kluck, Clerk

PUBLIC SALE

Complete Liquidation of
Mt. Sidney Hardware Store

SATURDAY, APRIL 24

9:00 A.M.

Mt. Sidney Road, Witmer, Pa.

Brand Name Tools; plumbing; Coleman; electrical; houseware; paint; lawn and garden supplies.

Everything in the store goes.

Full listing next week.

Sale by Owner
JONAS & MARY STOLTZFUS

Auctioneers:
John S. Stoltzfus
Larry Neuhauser
Larry McMaster (App.)

GAP AUCTION

FRIDAY EVE., APRIL 16

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

325th SPECIAL GUERNSEY SALE

WEDNESDAY, APRIL 14

12:30 P.M.

At The Pa. Guernsey Sales Pavilion, 6 miles East of Lancaster, PA on Rt. #30.

-40 Fresh or Springing 2 Yr. Olds & Cows-

Queripel & Leedom - 4 Fresh 2 Yr. Olds, A Housleys Dari Fayvor dau.; Dau of Corasdaile Command Mark, dam with 11046-499; Dau Maverick, dam with 12258-595; Dau Hallmark of Quail Roost, Dam with 12650-614.

Wm. Messix, Queen Anne, MD - 6 fresh 2 Yr. Olds. A Hollirex, Dam with 12600-553; A Maverick, Dam with 11202-575; A Choice, Dam with 12330-496; Wistar Premier; Housleys Fays Future, Dam with 11884-516 and A McDonalds Darimost Trader.

Carroll & John Shortall, Cordova, MD - Br. heifer by Lone Palm T.H. Morgan - due 5/25/82; Br. Heifer by McDonalds Darimost Trader - due 5/28/82.

Joseph C. Thompson, Smyrna, NY - Cow due April 24 by Super Star, Dam with 15900-749; Cow due April 8 by Falcon Darimost Paul, Dam with 14240-617; Cow due April 2 by Choice; Cow due April 5 by Florets Command; Cow due April 20 by Darimost Noble and a Br. Heifer by Dari Fayvor.

Robert Smith, Annville, PA - 1 Cow & 5 Br. Heifers. Cow fresh March by son of Dari Fayvor. 5 Br. Heifers: One by Lone Palm Jeans Jason due April 5, dam with 12093-581; Another by Jeans Jason due May 22, Dam with 13051-713; One due May 13 by Bart, Dam with 12314-625; One by Top Dividend due April 14; One by McDonalds Darimost Titan due April 8, Dam with 11345-537.

Clyde Good, Kimberton, PA - A Dari Fayvor born 8/20/81, Dam sold in 322nd Sale for $1250.00.

SALE MANAGED BY
PA. GUERNSEY BREEDER'S ASSN.
2497 Lincoln Hwy. East
Lancaster, PA 17602
Lee G. Yost, Bus. Mgr.
Ph. (717) 299-8955

THE MERRYMAN COMPANY
Box 566
Sparks, Md. 21152
John B. Merryman, Auctioneer
Ph. (301) 771-4625

PUBLIC SALE

OF REAL ESTATE
(2½ STORY FRAME HOUSE, BARN & GARAGE W/2A)
FARM EQUIP., POWER & HAND TOOLS ANTIQUES & HOUSEHOLD GOODS

SAT., APRIL 24

at 9:00

Located about 1 mi. south of Village of Conestoga, corner of River Corner Rd. & River Rd., R.D. #1, Conestoga, Lancaster Co., Pa. From Conestoga Post Office take River Corner Rd. to sale.

REAL ESTATE: 2½ story frame house w/asbestos siding, 7 rms., full bath & ground level basement. Lot size: 2A of land more or less w/414' frontage along River Rd. & 432' frontage along Shenk's Ferry Rd. Property will be open for inspection Sat's., April 3, 10 & 17 from 1 until 3. Real Estate will be sold at 2:00.

A-Farmall tractor w/cultv. & plow; 20 disc harrow; 2 sec. spring harrow; 2 steel trailer; circular saw buck; 8 h.p. New Holland riding mower; Homelite gas weedeater; Sears elec. chain saw, lawn sweeper; wooden & meal wheel barrows; 30' wooden ext. & step ladders; power tools; hand, shop & garden tools; misc. hardware; baskets; tubs; misc. lumber.

RCA colored solid state TV; Kenmore wringer washer; vacuum cleaners; coal Warm Morning heatrola; coal bucket-a-day stove. Furniture in oak, pine, walnut, plank, Empire, mahg., iron & metal. Oak mirrors & picture frames; baby articles; Articles in iron, wood & tin. Lots of crocks; child's & other books. Glassware & china in pressed, pin, etched, ironstone, Noritake, what-nots, peanut butter glasses & other glassware & china not listed. Plated silverware; kitchen articles; metal & alum. lawn chairs. J. Stevens 12g. shotgun. Fishing equip.; other articles not listed. FOOD SERVED. NO OUT OF STATE CHECKS ACCEPTED.

Sale by,
MRS. ABRAM N. MILLHOUSE

Blakinger, Grove & Chillar,
Attys.
Howard Shaub, Auctioneer, 464-3541

PUBLIC AUCTION

VALUABLE 113 ACRE FARM
ANTIQUE ENGINES - FARM MACHINERY
TOOLS - CARS

MERRITT G. ROUZER ESTATE

The undersigned executor's will offer at public auction the following located - Taking Route 34 approximate one-mile North of Biglerville, Pa., turn right and continue 9/10 mile on road leading to Guernsey, bear left at (Y) and continue 6/10 mile to sale site on

SATURDAY, MAY 1

10:00 A.M.

113.63 ACRES FARM - 12:00 NOON - 113.63 ACRES

All that tract of land lying in Butler Township, Adams County, Pa. having approximately 2,800 ft. frontage on T-534 and containing approximately 113 63 acres consisting of 85 acres tillable, 25 acres woodland & balance pasture & buildings

Tract is improved with a 46'x30' - 2½ story frame home containing kitchen with cupboards, dining room, partial bath, study, carpeted, living room and screened porch on first floor. Second floor consists of 4 bedrooms, bath, sewing room and screened balcony. Home has an attached 15'x17' summer kitchen, shingle roof, storage attic, part cement basement with Losch coal fired steam radiator heat.

Other improvements are a 48'x58' frame bank barn with a 22'x25' attached overshot & storage area and a 26'x20' attached storage shed. A 12'x30' silo, 25'x16' and 25' x 21' frame buildings w/metal roofs, small corn crib, a 20'x50' frame garage and other frame buildings.

AUCTIONEER'S NOTE: This farm offers many possibilities having large amount road frontage and also lot forage on railroad at rear of property **PUBLIC INSPECTION** - Sunday, April 18 - 1:00-4:00 P.M. Other inspections by appointment only by calling 717-677-7239.

TERMS OF REAL ESTATE: $15,000.00 DOWN AT TIME OF SALE - BALANCE IN 30 DAYS - OTHER TERMS AT TIME OF SALE.

TERMS OF PERSONAL PROPERTY - CASH OR GOOD CHECK. Refreshment Rights Reserved
WATCH FOR COMPLETE LISTING

MERRITT G. ROUZER ESTATE
Mrs. Treva Tuckey
Mr. Eugene Rouzer, Executors

C. DAVID REDDING, AUCTIONEER
R.D. #6 - Gettysburg - Ph. 717-334-6941
Bigham & Raffensperger, Attorneys
Lincoln Square - Gettysburg

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

MON. APR 12 - 7 P.M Public Sale of Tools Located in the Village of Farmersville at the Farmersville Fire Hall, 3 mi north of Rt 23 between New Holland and Leola, Lanc Co, PA A K King, Owner Robert E and Jeffrey R Martin, Auctioneers

SAT APR 13 - 10 A M Public Sale of Farm Equipment Located at Junction of Rts 73 and 536, about 5 mi south of Berlin, NJ, Winslow Twp Emedio DeSilvio, Owner Sickler and Scott, Auctioneers

TUES APR 13, 5 30 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneer

TUES APR 13 10 A M Public Sale of Building Equipment Located 3½ mi west of Freehold traffic circle on Highway 33, 9½ mi east of Hightstown exit No 8 NJ Turnpike, from Freehold turn left onto Rt 527, from Hightstown, turn right at light onto Rt 527 for about ¼ mi Millhurst Mills Wm F Comly and Son, Inc, Auctioneers

TUES APRIL 13 - 7 30 P M Special Dairy Cow Sale to be held at Smoketown Quality Dairy Sales Co, Rt 340, Smoketown, Pa 5 miles East of Lancaster, 5 miles West of Intercourse, Pa Gordon and Helen Fritz, Sale Managers

WED APR 14 - 6 30 P M Public Sale of a Feeder Cattle and Pigs Located in Hagertown, MD Four States Livestock Sales

WED APR 14 7 00 Public Sale of Guns Located along Rt 23 at Ridge Fire House near Pottstown, PA., 3 mi east of the 23 and 100 intersection Ken Moyer, Auctioneer

WED APR 14 - 6 30 P M Feeder Sale Located in Hagerstown, MD 301-733-8120 Four States

THURS APR 15 - 10 A M Public Sale of Cattle Located on the farm at Polk Polk State Hospital Dispersal 319-462-2771 or 815-626-4287

THURS APR 15 12 Noon Public Sale of Farm Machinery, Trucks and Equipment Located on Horns Point Rd, from Rt 50 south of the Choptank Bridge take Rt 343 to sale, 4 mi from Cambridge, MD Palmer Farms, Inc, Owners Harry Rudnick and Sons, Inc, Auctioneers

THURS APR 15 11 A M Public Sale of Farm Machinery Located at R D 12, York, PA along Gun Club Rd between Manor Rd and Feysville Rd in Lower Windsor Twp Ray V Martin, Owner. Jacob A Gilbert, Auctioneer

THURS APR 15 - 12 Noon Public Sale of Farm Equipment and Trucks Located at the Westminster Livestock Auction Market Grounds along Rt 31 between New Windsor and Westminster, Carroll Co, MD Donald P. Bailey, Owner Au ¬ Bohn, Auctioneer

THURS APR 15 - 1 P M Public Sale of Cattle Located 2 mi east of Rt 29 in the Village of Springville, PA, 10 mi south of Montrose, PA and 10 mi north of Tunkhannock Malcolm and Charlotte Hutton, Owners Wayne E Weaver, Auctioneer

THURS APR 15 7 30 P M Public Sale of Cattle Located ½ mi. northwest of Woodsboro, on Rt 550 in Frederick Co Melvin Kolb, Inc Robert Mullendore, Auctioneer

FRI APRIL 16 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI APR 16 - 7 30 P M Feeder Cattle and Calf Sale - 1250 head (est) Located at South Branch Stockyards, Moorefield, WV

FRI APR 16 - 2 P M Public Auction of Real Estate. Located Caroline Co, MD, ½ mi from Delaware State line on Goldsboro-Sandtown Rd., Rt 287 (Del 10 extended) Farm fronts on MD 287 and Jarrell Rd Richard Driftmyer, owner C.T Scuse & Sons, Auctioneers

FRI APR. 16 - 6 30 P M Public Sale of Swine Located at Shippensburg Fairgrounds, Possom Hollow Rd, Shippensburg, PA, use Fayette St. Exit off of I-81 Bourbon Springs Farm. Kling's Auction Service

FRI. APRIL 16 - 6:30 P M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

FRI. APR 16 - 11:30 A.M Milking Herd and Bred Heifer Dispersal Sale to be held at Central Bridge Sales Arena, Central Bridge, NY From I-88 near Binghamton, approx 100 mi NE exit at Rt. 30A at Central Bridge-turn left off the ramp on Rt. 30A. Rt 30A is the next left and go 2 mi. to Central Bridge, turn right on Rt 30A at the caution light-go 2 mi. Terms by Tom Przysiecki Walt Wagner, sales manager.

NOTICE

LEBANON VALLEY CHRISTIAN SCHOOL CONSIGNMENT SALE

SATURDAY, MAY 22nd

For Information Call
(717) 273-6613, 273-9959, 274-3218, 866-4086
Sylvan B. Witmer, Auct.
(717) 933-5328

MALCOM BUTTON DAIRY HERD DISPERSAL

Springville Twp., Susquehanna Co.

I, the undersigned, will sell the following, at the farm located 2 miles east of Route 29 in the village of Springville, Penna., 10 miles south of Montrose, Pa. & 10 miles north of Tunkhannock, on

THURSDAY, APRIL 15

1:00 P.M. SHARP

44 hi-grade Holsteins including 11 first calf heifers which have freshened January thru March, 5 fresh second calf heifers, 18 1st calf heifers bred back for Summer & Fall, 6 due with their 3rd calf 4 five year olds, as you can see the majority are all young, good uddered and ready to go to work for you, these cows show a lot of milk with a creamery herd test of 3.8% to 4.0%, and a low cell count of 2.6. All 30 day TB & Blood tested herd, interstate charts issued day of sale. (As a bonus many of the above bred to red & white Holstein sires). Some of these cows are acclimated to both freestalls and conventional stalls. 3 Surge SS milker units, gestation tabulator w/225 pins, real good semen tank & kit.

Terms: Cash or good check day of sale. Tent. Lunch.

MALCOLM & CHARLOTTE BUTTON
Springville, Pa. (Owners)
PH-717-965-2492
Wayne E. Weaver, Auct. & Sales Mgr.
RD#2 Tunkhannock, Pa. 18657
PH-717-333-4194

OFFICE EQUIPMENT - SHOP EQUIPMENT MISC. INTERNATIONAL PARTS OF RICHARDS INTERNATIONAL

Exit 17 Rt. 83
New Cumberland, Penna.

SATURDAY, MAY 1

9:30 A.M.

OFFICE EQUIPMENT

Copy machine, Address-O-Graph, Micro Screen Viewer, adding machines, office desk, file cabinets, desk chairs, book cases, Time Clock, parts counter, 120-parts Bins, lockers, water fountain, credenza, supplies and many other items.

SHOP EQUIPMENT

Engine stand, work benches, jack stands, hydraulic floor jacks, Air Compressor - 5 hp., Lincoln Welder, overhead cranes, vises, shop cranes, steam jenny, ¾" Socket set & accessories, wrenches, Special IHC tools, Acetylene welding & cutting outfits, Com-A-Longs, impact sockets, gear pullers, Soldering guns & Irons, Sleeve pullers, slide hammers, Diesel & gas Compression Testers, hydraulic Testers, chain hoist, Torgue wrenches, Diesel Nozzle Tester, jaw pullers, 7" B&D Grinder, sledge hammer, parts washer, locker, shop desk, drills, Hydraulic Press, Ridge Reamer, Flexible Tunnels, & 100's of other items too numerous to mention.

Int. 1300 Series truck w/15 ft. Roll Back Body, Int. motors for Back-Hoes, parts, cylinders, gaskets, hydraulic - etc., misc. Int. parts, cylinders, motors, attachments & etc.

AUCTIONEER'S NOTE: This is only a small listing, there are 100's of items not mentioned. If in the need of good shop equipment.

"DON'T MISS THIS SALE"

TERMS: CASH OR GOOD CHECK.

RICHARDS INTERNATIONAL
Exit 17 New Cumberland, Pa.
717-774-3066
AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa. Box 222
717-764-6412

1982 FEEDER CATTLE & CALF SALES

South Branch Stockyards, Inc., Moorefield, W. Va. Phone: (304) 538-6055, 538-6600; (304) 538-2579; 257-1054.

FIRST SALE - FRIDAY, APRIL 2
7:30 P.M.
800 Head..Number Estimated
SECOND SALE - FRIDAY, APRIL 16
7:30 P.M.
1250 Head...Number Estimated
Two Year Olds, Yearlings and Calves
Sales Sponsored by The South Branch Stockyards and the West Virginia Cattlemen's Association.

FARM MACHINERY & RELATED ITEMS AT PUBLIC SALE

SATURDAY, APRIL 17

12:00 Noon

Located 6 miles south of Richfield, Juniata County, on road from Richfield to Oriental. Follow direction signs off Rt. 35 at Richfield and off Rt. 104.

TRACTORS, TRUCK & MACHINERY

A.C. D17; A.C. tractor loader unit; Farmall M; Farmall M w/New Idea #305 corn picker; J.D. A; 1975 International truck w/12' bed, 48,000 miles; J.D. 3 pt. 14" 3 bottom plow; Ferguson #74 3-bottom plow; Oliver 9' spring harrow; Oliver 12' spring harrow; J.D. 18' spring harrow; 9' cultipacker; Oliver 13 disc grain drill; Oliver 16 disc grain drill; J.D. 16 disc grain drill; J.D. 10' transport disc; J.D. 14' transport disc; I.H. #302 self-propelled combine w/13' cut; Ford #309, 2 row corn planter; M.F. #468 4 row corn planter w/disc openers; 2 gravity bins w/running gears; J.D. flat bed wagon; Massey Harris wagon w/bin; 8 ton 16' flat bed wagon, new; N.I. haybine; J.D. #1209 haybine; J.D. 24T baler w/thrower; N.H. #68 baler w/P.T.O. thrower; N.H. 24' elevator; N.H. 32' elevator; J.D. roto bar rake; 2 new, 3 pt. fertilizer spreaders; J.D. #60 blower w/pipe; 16'4" auger w/motor; 40'6" grain auger PTO; new 7' 3 pt. blades; 2 new 3 pt. lift booms; 3 pt. post hole digger.

PLEASE NOTE — Possibly other pcs. of machinery that are not listed at this time.

LAWN & GARDEN TRACTORS & OTHER FARM RELATED ITEMS

Wheel Horse tractor w/attachments; M.F. 10 h.p. w/mower; #124 12 h.p. Cub Cadet; two wheeled trailer; portable cement mixer; steel racks for pickup truck; 14:9x38 tractor chains; good, used tractor tires all sizes; 4 ton bolts and nuts; 40 bales baler twine; 55 gal. drums; other misc. items.

GUNS

Remington Model 760 30.06 w/scope; Remington Model 788 308; other misc. guns.

TERMS: CASH OR GOOD CHECK Lunch
Owner, Auctioneer Not Responsible For Accidents

Owner,
ELWOOD C. FLOWERS
Phone 717-653-4839
Bryan D. Imes, Auctioneer

PUBLIC SALE

OF FARM EQUIPMENT

at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Interstate 81 at Marion Exit along Rte. 914 on

THURSDAY-FRIDAY, APRIL 22-23

Sales at 9:00 A.M. Each Day

SELLING ON THURSDAY-
TRACTORS-TRUCKS-IND. EQUIPMENT
LAWN & GARDEN EQUIPT.-MISC.

Tractors inc. John Deere, International, Fords, Massey Ferguson, Oliver, Case, A.C. and others, some with loaders; some trucks, and ind. equipt. expected; lawn and garden equipt.; posts, tools, hardware, misc. items, etc.

SELLING ON FRIDAY-
HAY MACHINES-PICKERS-COMBINES FORAGE & TILLAGE EQUIPT., ETC.

Balers, haybines, rakes, mowers, conditioners, combines, pickers, forage, and flail choppers, blowers, grinder mixers, planters, drills, elevators, chisel plows, plows, disc harrows, spreaders, forage and other wagons, sprayers, packers, harrows, blades, rotary mowers, bal. of small items, hardware, etc. and usual run of equipment.

FARMERS AND DEALERS - Bring in your equipt. for these sales. No equipt. with liens accepted unless notified. Small item lots must be bunched as min. fee of $1.00 will be charged on all tagged lots. 20% on truck load lots. Next sale May 27-28. Open daily 8:00 A.M. to 5:00 P.M., Sat. 4:00 P.M. Will stay open evening before sale until 7:30 P.M. Closed Sundays.

Terms Cash or Good Checks. Ident. required for Buyer's No.'s. Lunch and Breakfast at sale.

RALPH W. HORST, Manager
Marion, Pa.
Phone: (717) 275-2824
Rentzel, Wolgemuth, Upperman, Bohrer, Speicher, Gossert, Auctioneers

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16TH ANNUAL

COLONIAL CHAROLAIS SPRING SALE

SATURDAY • APRIL 24 • 12 NOON

At the Farmers Livestock Exchange

Winchester, Virginia

60 LOTS - 20 BULLS - 40 FEMALES

THE BEST CHAROLAIS BULLS IN 1982
Ready For Service
Guaranteed Breeders
Officially Classified on sale morning

FOUNDATION QUALITY FEMALES
A selection of cross and calves; spring calving cows and bred heifers; open heifers for junior projects.

For catalogs write:
BUZZ GAREY, Sale Manager
Box D, 100 Walnut Lane, Morrisville, Pa. 19067
(215) 295-6664

NICK UGLIUZZA, LERAYSVILLE, BRADFORD CO., PENNA.

FARM DISPERSAL

having decided to retire and discontinue farming we have been commissioned to sell on

SATURDAY, APRIL 17

@ 10:00 A.M.

at the farm on CC Allis-Brushville Road (2 miles East of CC Allis), 3 miles West of LeRaysville, Pa. 1 mile off Pa. Route 467 East of Rome, Pa. via Rte. 467 ARROWS.

50 HI-GRADE DAIRY CATTLE 50

31 cows. Sire Power & ABS Sired cattle. DHIA records making 2650 per pick-up. Some cows strictly fresh, some handling and bred for fall. A TOP DAIRY, GOOD UDDERED COWS NEVER BEEN PUSHED, WILL REALLY SUIT. Catalogs at ring side.

10 nice bred heifers (some just bred), 9 open heifers and calves - couple of White face cows and calves. Certified and Accredited 30 day blood & T.B tested. Vet. checked for pregnancy.

FARM EQUIPMENT

Farmall "M"; Farmall WD 6; Case "SC" eagle hitch; 7 hp Stallion Lawn mower (as is); NH 717 Forage Harvester; Gehl S.U. wagon; NF #10 baler w/thrower; 2 BALE KING WAGONS; NH 469 Haybine; IHC 35 rake; JD 15 flail; AC #60 Combine motor & scour clean, Ontario 13 disc drill; IHC 401 drag; Case corn pltr., NH 328 manure spdr (2 yr. old); 4 btm. plow 3 pt.; King Wyse 26' elevator; 2 pt cultivator; Case 2x plow; etc.

TRUCKS & CARS: 1969 Chevy 1 ton Sump w/plow; 1954 Chevy truck; 1941 Chevy 1½ Ton truck; 1970 Ford XL; 1975 Capri.

MISC.: Septic Tank Pump; ladders; Little Giant Winch; wet stone; (2) 7.50 x 18 Impl. tires; (2) 14.9x28 tractor tires; 6 cow mats; incubator; seed cleaner; platform scales.

ANTIQUES: Leroy walking plow; 1 horse cult.; Leroy roller; Papec blower; Hand Forage Chopper; grain cradle; potato hiller; ice cutter.

PRODUCE: Quantity of hay, Straw & Corn ensilage; quantity of oats. Plus numerous other items found after 38 years accumulation. Come and spend the day

TERMS: CASH OR GOOD CHECK. LUNCH AVAILABLE.

NICK UGLIUZZA
Owner
Sales Manager & Auctioneer
Howard W. Visscher
Phone 607-699-7250
Nichols, N.Y. 13812

Public Sales Register

Closing Date - Monday, 5:00 P.M
of each week's publication

SAT APR 17 - Public Sale of New and Used Lawn and Garden Equipment and Tractors Located Rt 322 East Hinkletown, turn left to Martindale, turn left on Grist Mill Rd to auction on right Lawn Care of PA, Daniel Z Martin and Son Randal Kline, Lloyd Kreider and Roy Good, Jr, Auctioneers

SAT APRIL 17 - 2 P M Absolute Complete Liquidation of Approx 250 Acre Valuable Farm located in Nippenose Valley in Clinton County, Crawford Twp, 6 miles South of Jersey Shore along Groupe Road Sale by Mr. and Mrs Robert Shertzer, Auction conducted by Jay Omar Landis Auction Service, Jay M Witman

SAT APR 17 10 30 A M Public Sale of Farm Machinery Located at RD 2, Red Lion, PA along the road between Yorkana and Freysille, near Freysville in Windsor Twp Lehman R Schlag, Owner Jacob A Gilbert, Auctioneer

SAT APR 17 - 10 A M Public Consignment Sale Located at the White Pine United Methodist Church Perry L Reed, Auctioneer

SAT APR 17 - 6 30 P M Public Sale of Swine Located at R D 2, Box 691, Annville, PA 17003 Jay D, Janet Blatt and Family, Owners Harry H Bachman, Auctioneer

SAT APR 17 - 11 A M Public Sale of Feeder steers and Farm Equipment Located 12 mi west of York, PA, ¼ mi east of East Berlin, PA, along Rt 234, C L "Cot" and Barry L Jacobs, Owners Clair Slaybaugh, Auctioneer

SAT APR 17 - 12 Noon Public Sale of Tractors, Farm Machinery and other farm related items Located 6 mi south of Richfield, PA Elwood C Flowers, owner Bryan D Imes, Auctioneer

SAT APR 17 9 30 A M Public Sale of Farm and Garden Supplies, Crafts, Quilts, and Clocks Located at Rt 324 New Danville 6th Annual Benefit Auction of New Danville Mennonite School Sanford Lehman, Auctioneer

SAT APR 17 - 9 A M Public Sale of Garage Equipment and Misc Located at 2nd and Kedron Sts, Folsom, PA Rt. 420, Delaware Co, near Phila INT Future Cars Inc R Geyer, Auctioneer

SAT APR 17 - 12 30 P.M Publis Sale of Lawn and Garden Tractors, Diesel Tractors, Mowers, Mopeds, Tools and Accessories Located travel Rt 322 east of Ephrata to traffic light in Village of Hinkletown, turn left to Martindale, turn left at Gristmill Rd Lawn Care of PA Randal V Kline, Lloyd H Kreider and Roy Good, Auctioneers

SAT APR 17 - 10 A M Public Sale of Household Goods Located at R D 7, Quarry Dr, Bloomsburg, off Rt 11 south of Bloomsburg, turn at H&C Elenor Esler, Owner John and John Jr Autotore, Auctioneers

SAT APRIL 17 9 A M Complete Grocery Store in business over 100 years 8 mi west of Millville, PA at Pine Summit Owner, Joy Dewald Conducted by Fraley Auction Co 546-6907

JULIUS O.C. POST

POST HILL MACHINERY DISPERSAL

Brooklyn, Pa., Susquehanna Co.

The sale will be held at the farm 2 miles west of Brooklyn, and Pa. Rt. 167, 3 miles east of Dimock and Pa. Rt. 29, 6 miles NW of Hop Bottom, and Rt. 11. Watch for blue & white auction arrows on:

SATURDAY, APRIL 17

1:00 P.M.

IH Model 430 baler w/no. 10 thrower w/hydraulic control (A-1); IH-990 7 ft. haybine (A-1), Kuhn G-F 4 ST Tedder (A-1), NH-Roll Bar Rake (A-1), 2 solid ash bale bodies one 16 ft. on New Holland wide track gear, one 14½ ft on real good gear, IH-3 btm. 3-14" fast hitch trip bottom plows (A-1), IH 36 tooth tractor harrow, IH-56 2 row trailer corn planter w/500 lb. fertilizer hopper & large corn cans (A-1), IH-13 hoe grain drill on steel (one of the best you will see), NH-342, tank spreader left hand (A-1), hay & grain elevator, mow a vator type bale handling system w/40 ft. outside elevator & 1½ hp. motor, 42 ft. mov conveyor w/1 hp motor, both motors are sealed units, (a real labor saver), Clay barn cleaner w/167 ft. chain & 3 hp unit (real good), Clay 14 ft. silo unloader w/3 hp unit (A-1), Universal 4 unit milker pump w/1 hp motor, 2 Surge SS milker units, milk house hangers for milker buckets, heads & inflations, Jamesway metal feed cart, 3 pth pto seeder, 5 gal. pressure grease gun, cow clippers (like new), cow dehorners, metal stall partitions, Farmall H cultivators, 7 hp & 1 hp gas engines, 2 IH tractor pulleys, and many other useful items too numerous to list.

TERMS: Cash or approved check on day of sale.

JULIUS O.C. POST
Owner
Brooklyn, Pa.
PH-717-289-4530
Wayne E. Weaver, Auctioneer
RD#2 Tunkhannock, Pa. 18657
PH-717-333-4194

Walnut Hill Farm

Complete private farm equipment dispersal of top quality like new farm equipment, well maintained and always kept under cover. Farm is sold and all equipment must be sold.

International 656 tractor with cab and weights (extra sharp); John Deere 24T baler with thrower, New Holland 469 haybine; International 440 3-16 plow (new); 3 kicker hay wagons (2 with New Holland 8 ton running gears); New Idea 323 corn picker; Int. 2 row #56 corn planter; Mayrath 40 foot hay and corn elevators; field sprayer; J.D. kba 8 foot disc harrow (sharp); J.D. spring tooth harrow; N.H. 56 hayrake; J.D. 16 hole disc opener grain drill; lime spreader, double row cultipacker, 5 ft. Bush Hog, silage belt, electric unloader with 3 false fronts for wgaons, 2 J.D. double action cylinders.

For information and appointment call 201-879-5851 days and 201-584-5054 evenings.

IDEAL FARMS INC.

PUBLIC AUCTION

16 TRUCKS - 14 TRACTORS FARM MACHINERY

SATURDAY APRIL 17

9:30 A.M.

Ideal Farms Inc. Route 206, Augusta, N.J. Farm is located 5 miles north of Newton, N.J. along Route 206.

TRACTORS:

1971 Ford 9000 diesel w/cab, wide front; 1970 Ford 8000 diesel w/cab, wide front; John Deere 4010 diesel; International MD, 400D, 450D, 560D; (2) Ferguson 65 gas w/wide fronts; Ferguson 30 gas; Ferguson 202 Industrial w/loader; Allis Chalmers D-14 gas w/wide front; 1951 Oliver 88D; (2) Cat D-4 dozers (1947-1952); 1968 Bobcat 500 loader.

TRUCKS - TRAILER - WAGONEER

1970 White 9000 single axle truck tractor w/230 Cummins diesel; 1972 Ford 750 cattle truck w/5 speed, 2 speed rear, 18' body; 1976 Ford F-250 pick up, 4 WD; 1970 Ford F-250 pick up, 4 WD, w/Meyers plow; 1970 Ford F-250 pick up; 1970 Ford F-250 w/utility body and snow plow; 1965 International 1600 Loadstar w/12' grain dump body; 1965 International 1600 Loadstar w/12' cattle body; 1964 International 1700 w/12' grain dump body; 1963 International 1800 tandem w/18' grain dump body; 1962 International 1890 w/5 speed, 2 speed rear, 16' grain dump body; (2) 1961 Ford F-700's w/14' flat bed dump bodies; 1960 Ford F-700 w/18' dump body, 5 speed, 2 speed rear; 1954 Ford F-900 w/dump body, 10' snow plow, 5 speed, 2 speed rear; 1951 GMC 450 w/self feeder body; Trailmobile 20 ton equipment trailer; 1977 Jeep Wagoneer w/auto, air, stereo, V-6 engine.

MACHINERY

Ford 5 bottom 16" Melroe semi-mount plow; JD 4 bottom 16" semi-mount plow; Oliver 4 and 5 bottom pull behind plows, Case 2 bottom 14" 3 point plow; Graham hoeme plow; International and Oliver 10' wheel transport discs; (2) John Deere 9' Kilefer Discs; John Deere 3 point 12' springtooth harrow; (2) John Deere 12' drag springtooth harrows; Brillion 8' and 10' double cultipackers; John Deere #7000 4 row cornplanter; (2) International 16 disc grain drills (1 on rubber-1 steel); Century field sprayer w/300 gal. tank (pick up truck mount); New Holland #1469 self propelled haybine; NH #489 Haybine; (3) Gramm hay tedders; NH #258 rolabar rake; (3) Ferguson 3 point rakes; (2) NH #275 balers w/kickers; NH 3 point sickel bar mower; International #110 7' side mount mower; (2) Hesston 230A hay stackers; Hesston #30 stack mover; NH #818 chopper w/grass head; (3) NH #800 2 row corn and grass heads; John Deere #3800 2 row chopper; (4) International #40 silo blowers (belt or PTO); Krause self propelled chopper; International 123SP combine; New Idea 2 row cornpicker; (6) New Holland kicker wagons; (2) New Holland gravity grain wagons; (2) New Idea #205 and #213 flail manure spreaders; Meikcke 4 ton fertilizer-lime spreader; John Deere 10' lime spreader; New Idea 32' bale elevator w/Wisconsin engine; truck mounted 36' bale elevator, Cardinal 16' grain auger; Danuzer 3 point post hole digger; 3 point cord wood saw; Farmhand 6' front mount snow blower; grader for Ferguson tractor; International and Oliver 4 row cultivators; 2 stone boats; **1000 GAL. TRUCK MOUNT STAINLESS MILK TANK;** 6 stall gates; 8 sets of Frye hay feeders; Schramm trailer mounted air compressor; 10KW and 3KW Army generators; L&A high pressure washer; several feed carts; milk cans; Douglass Tilt Master livestock table; Be prompt, no small items.

Terms; cash or a good check

IDEAL FARMS, INC.
Augusta, N.J. (201) 383-5712
Col. John P. Kachmar, CAI
Auctioneer
Flemington, N.J. (201) 782-4271

★★★★★★★★★ PUBLIC AUCTION ★★★★★★★★★

FARM MACHINERY, PERSONAL PROPERTY TWO-STORY HOUSE & LARGE BANK BARN

(Must be torn down and removed)

SATURDAY, APRIL 24, 1982

at 9:00 A.M.

WIZARD RANCH on ACCOMAC ROAD in HELLAM TOWNSHIP, YORK CO.

Located on the Accomac Rd., one mile north of Wrightsville exit of Rt. 30 Bypass. Signs posted on day of auction.

The undersigned owners will sell the following farm machinery, personal property and buildings including:

Farmall "M" in very nice cond., John Deere "B" with hydraulic sickle bar and workers, antique "1926" Farmall F-20, 1934 Farmall F-20 (needs engine work), 8 hp Monti Carlo lawn tractor w/mower deck, 10 hp Penna. riding mower w/42" deck, also blower attachment, push blade, Chushman 3-wheel utility truck, two wheel tractor w/cultivators, N.H. 66 baler, L.H. mower on steel, side delivery rake, stalk shredder, sickle bar for H or M, rotary hoe, pull type chisel plow, disc plow on steel, grain drill, manure spreader, Moline mounted corn picker, scraper blade, spring harrow, hay loader, dump rake, hammer mill, 2 plate mills, 1971 Ambassador wagon, 1967 Ambassador 4 dr. (right hand drive), tilt-bed trailer, belt-drive saw mill, many rebuilt small gas engines, 24" chain saw, 53 GMC engine, chain hoist, hay hoist, hydraulic cylinders, lg. blower fan, oil space heaters, wood/coal stove, Kerosene cook stoves (2 & 3 burners, in excellent condition), portable ovens, stove parts, heavy-duty meat slicer & grinder, hog troughs, butcher table, gas refrigerator, Honda 65 cycle, auto. air cond., 250 gal. oil tanks, butter churn, cream separator, saddle, wall-mount drill press, kettle crane, CB radios, 6 stained glass windows (4'x4), shelving, gas-fired OX roaster (8 ft. long), misc. furniture, 3'x12' pool w/deck, household goods, glassware and more.

NOTE: The following buildings will be sold at auction; 34 ft. x 60 ft. Bank Barn with vertical siding covered by horizontal siding, pinned construction, tong & grooved second floor hay loft, this barn is in excellent condition; two-story house w/alum. siding (good for a hunting camp), corn crib, wash house, utility shed, smoke house. Purchaser is responsible for removal of these buildings Lunch available.

MR. & MRS. GLEN MORNINGSTAR SR. & BOY SCOUTS OF AMERICA,
Owners

Terms: Cash or approved Pa. Check.

241 East Market Street
Hellam, PA 17406
Telephone: (717) 755-6105

Frederick Toomey, CAI
Auctioneer

Public Sales Register

Closing Date - Monday, 5:00 P M
of each week's publication

SAT APR 17 - 10 A M 2nd Annual Consignment Machinery Auction Located on Rt 6, Mansfield, PA Canyon Implements, AC, NH, NI dealer, Owner Dick Crit tenden Auction Co

SAT APR 17 - 1 P M Public Sale of Feeder Cattle Located 6 mi east of Bel Air, MD via U S Rt 1 or 6 mi west of Aberdeen, MD via I 95 on Rt 22, Churchville, Harford Co, MD Aberdeen Sales Co, Inc

SAT APR 17 11 A M Public Sale of Farm Machinery and Grain Dump Trucks Located at 50 Mill Creek Rd, ½ mi south of Pulaski Highway (U S Rt 40) 1 mi nor theast of the Susquehanna Toll Bridge (at MD Rt 222) between Perryville and Northeast in Cecil Co, MD Mr and Mrs Thomas H Mayberry, Owners, John O'Neill, Auctioneer

SAT APR 17 6 P M Public Sale of Horses, Ponies and Tack Located at the Jersey Shore Livestock Barn, Jersey Shore, PA

SAT APRIL 17 - 9 A M Public Sale Household Goods, Antiques, Farm Machinery, good buggy Millstones Real Estate, 35 acres timberland, 153 acres farm, 4½ miles Nor thwest, Needmore, Pa Fulton County off 522, For information, call 717-573 2351 Emil Mellott, Administrator

SAT APR 17 - 9 A M Public Sale of Cattle, Pigs Hay, Straw, and Farm Machinery Located 2½ mi north of Carlisle along Rt 74, Waggoner's Gap Rd Wickard Bros Robert C Mullendore, Auctioneer

SAT APR 17 - 1 P M Public Sale of Machinery Located off Rt 14, 3 mi from Gillette, PA, 14 mi from Troy, 12 from Elmira, NY Eric and Jane Flesh, Owners Arlow Kiehl, Auctioneers

SAT APR 17 9 A.M Public Sale of Furniture Grade Lumber, Tools, Guns, Pulleys and V Belts Located in Lanc Co, PA, 4 mi south of Strasburg, From Rt 896 and 30 go south thru light at Strasburg onto S Decatur St follow 4 mi to White Oak Rd, go west, 1st road right White Oak Saw Mill, Joseph King, Owner Steve Petersheim and Everett Kreider, Auctioneers

SAT APR 17 10 A M Public Sale of Equipment, Lumber Co Inventory and Misc Located on Rt 11 in Inwood, WV South Berkley Lumber Co Edgar A Bohrer, Auctioneer

SAT APR 17 - 10 A M Public Sale of Farm Equipment and Household Goods Located at North Oak St, Salunga, PA, along 283 By-pass Marshall Kline, Owner J H Davies Auction Service

SAT APR 17 - 9 30 A M Public Sale of Furnishings Located at Cornwall Manor, Cornwall, PA Claude F Smith and V Ronald Smith, Auctioneers

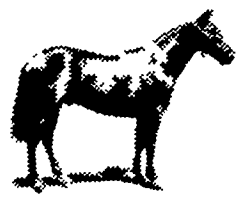
SAT APR 17 11 A M Public Sale of Cattle Located 2 mi east of Hampstead, in Baltimore, MD from Hampstead take Rt 88 to 137, then 137 to Marshall Mill Rd and follow sale signs, From I 83 take exit 27, MD 137, west of Marshall Mill Rd to farm Raymond and James Armacost, Owners Rembsurg Sale Service

SAT APRIL 17 - 1 P M Complete Dispersal of 32 Holsteins and Machinery located 1½ miles from Forkston, Pa on the Bowman Hollow Road Forkston is just off Route 87 between Mehoopany and Lovelton, Wyoming Co Arrows Robert Stone, Owner, Jim Adriance and Son Auctioneer

SAT APR 17 - 10 A M South Central PA Pork Producer's 1982 Feeder Pig Show and Sale at the Shippensburg Fairgrounds, Shippensburg, PA.

SAT. APR. 17 - 10 A.M Public Consignment Auction at the White Pine United Methodist Church approx 20 mi north of Williamsport. At Fry's Turkey Ranch turn onto Rt 184 to White Pine, Lycoming Co Perry L Reed, Auctioneer.

SAT. APR. 17 - 11 A.M Public Sale of Machinery Located on Rt 11 about 2 mi south of Canton, NY and 3 mi north of DeKalb - Junction, NY Hundley Farm Imp., Inc, Owners Jack Woods Livestock Auction Service.



Consignment

Horse Sale

All Types of Horses and Ponies and Tack.

SATURDAY, APRIL 17
starting at 6:00 P.M.

At the Jersey Shore Livestock Barn, Rt. 44, Jersey Shore, PA.

Max Buck will be there with new tack and 1 load of Quarter Horses, one load of Quarter Horses and Saddlebred Horses consigned from Lynn Bowes.

All types of Horses, Ponies and Equipment welcome for consignment. For further information call: Jersey Shore Livestock Barn, 398-0111
or Lynn Bowes, 398-2194

Killer Horse buyers will be there

THE CLIQUE HEIFER SALE

On the Hickory Hill heifer farm located two miles east of Hampstead, in Baltimore Co., Md. From Hampstead take Rt. 88 to 137, then 137 to Marshall Mill Road and follow sale signs. From I-83 take exit 27 (Md. 137) west to Marshall Mill Road to farm.

SATURDAY, APRIL 17
11:00 A.M.

120 REGISTERED HOLSTEIN HEIFERS
40 Bred Heifers-80 Open Heifers ° Calves

All are home raised heifers sired by popular A.I. sires including Elevation, Conductor, Very, Creek, Tamlane, New Hope, Jet Stream, Willow, Glen Valley Star and other high PD sires.

Several are from dams with over 700F and many more from dams with over 600F.

An excellent opporutnity to buy registered heifers of all ages.

Tested for Interstate Shipment. Pregnancy Examined.

For more information and catalogs contact:

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md.
301-473-8214
Or Owners:

Raymond Armacost — Upperco, Md.
James Armacost — Upperco, Md.
Donald Cole — Hampstead, Md.
Kenneth Rhoten — Hampstead, Md.

GOODWIN IMPLEMENT - IHC DEALER
COMPLETE DISPERSAL

We've been commissioned due to other business interests and health circumstances to sell to highest bidder on

FRIDAY, APRIL 23
@ 10:00 A.M.

At the place of business on Route #6, Wyalusing, Pa.

COMPLETE SHOP EQUIPMENT: Black & Decker valve grinder; Sunnen Hone & Reamers; IHC Splitting stand & Trolleys; Floor & Hydr. Jack; Hydraulic Testers; Diesel Inj. Tester; Generator & Starter Test Equip.; Couplematic Hydraulic Shop; Hyd. Press; Tire Changer; Calc. Pump; IT Book; plus all other things required to run a shop.

ROLLING STOCK: 1976 IH Truck 22' Schwartz Rollback; 1978 Dakota 42' Drop Deck Trailer; winch - tilt; 1968 Int. Tractor Single Axle; 1977 GMC Pick-up; 1977 Scout Traveler; IHC 24' FORK LIFT.

TIRES & TUBES: Large Assortment of new Implement tires; tractor tires; front & rear.

PARTS: Remainder of IHC Parts - FOX parts; some HESSTON parts; plus Short line and Farm Supplies.

OFFICE EQUIPMENT: Parts Shelves and Cabinets; Signs; Cash Register.

TO BE AUCTIONED TO THE BARE WALLS

REAL ESTATE: 7 Acres on Route #6 with buildings (Showroom - Parts - Shops - Offices), 9,600 sq. ft. - 2 stories. Also metal building, 48x100. Excellent Location. Established service area for years. Terms available.

TERMS: CASH OR GOOD CHECK. Lunch Available.

Manheim Community Farm Show Benefit Sale
SATURDAY, APRIL 17
10:00 A.M.

Location: Farm Show Building, Adele Ave., Manheim, Pa. Right beside the Senior High School.

Livestock: Farm Commodities: Household Goods: Donations or Commissions Items:

Dairy Cattle: To Be Sold At 1:00 P.M.

- Fresh 12-14-81 Pred. 16,000 3.6 576. Sire: Hillhaven Standout Job. Dam: Record to 3-6 305 24,610 3.5 852. Dam By Elevation.
- Grade born 6-2-81, Sire. Kingway Elevation Very. Dam: Record to 4-0 309 20,251 4.5 911.
- Born 2-4-82, Sire: Kingway Elevation Very. Dam: Record to 4-11 305 19,829 3.7 751.
- Born 4-30-81 Sire: Drovers Inn Super Blend. Dam: 1st Calf rec. - 3-0 293 14,617 3.4 498.

More Registered Calves
Semen - Marlu Perseus Chief
Several Butcher Hogs and Lambs
Truck load of New Tools
Farm, Lawn, Garden, Mason and Carpenter Tools
Truck load of Assorted Groceries
Several pickup truck loads of Mulch and Firewood
Truckload of Barn Beams - 8"x8", 8"x10", 8"x12"

New Riding Mower, New Push Mower, ½ ton of Calf Feed, ½ ton of Horse Feed, 1 Ton of Hogfeed (Primer Two), Young's Milk Replacer, Load of Straw, Seed Corn, Fertilizer, Tobacco Lathe, 12 Hole Smidley Hog Feeder, 18 ft. Spike Harrow (like new), Spring Harrow, 200 Gallon Stainless Steel Bulk Tank, Milk Cans, Portable Concrete Mixer, Tires, Axe, 12 cu. ft. Chest Freezer, Kerosene Heater, Player Piano with approx. 100 rolls, Gretsch Banjo, Dinette Set, Coffee Table, Norge Dryer, Air Conditioner, Motor Oil, Rocking Chair, Metal Cabinet, Bicycles, Moto Ski Snow Mobile, 100 Dozen Eggs, Cornmeal, Baked Items, and many other articles still being consigned and donated.

Quilt to be sold at 2:00 P.M

Donations and Commission Items still being accepted

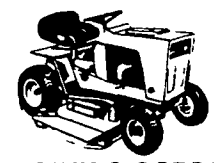
Have all items at Farm Show Building on or before April 16.

Receiving - April 15 - 5 P.M. to 9 P.M.
April 16 - 8 A.M. to 9 P.M.

Sale for Benefit of
MANHEIM FARM SHOW BUILDING FUND

For more Information Phone:
665-5198, 665-7283, 665-7040
Farm Show Building: 665-7480
Local Auctioneers

Plenty of Food



PUBLIC SPRING AUCTION

LAWN & GARDEN TRACTORS, DIESEL, TRACTORS, MOWERS, MOPEDS, TOOLS & ACCESSORIES
SAT. APRIL 17
SALE TIME 12:30 P.M.

LOCATION: TRAVEL ROUTE 322 EAST OF EPHRATA TO TRAFFIC LIGHT IN VILLAGE OF HINKLETOWN, TURN LEFT TO MARTINDALE, TURN LEFT AT GRISTMILL ROAD AND FOLLOW AUCTION SIGNS TO AUCTION, LANCASTER CO., PA.

NEW EQUIPMENT: Model 240 24 hp Yanmar Diesel Trac., 4 wheel drive; Model 195 to 19 hp Yanmar Diesel Trac., 4 wheel drive; Model 155 - 15 hp Yanmar Diesel, 4 whl. dr. Trac.; Dixon 308 hp 30" Cut Demonstrator; 8 hp Am Pro Rear Tine Tiller; Am Pro 5 hp Front Tine tiller; 4 Hp Yardman Tiller; 2 Lawn Boy Mowers; Dixon 11 hp 42" Cut Demonstrator; 6'x8' Tilt Trailer; 4'x8' Tilt Trailer; 2 speed VIP Garelli Moped; 1 Super Sport and 1 Ralley Sport Moped; 4 HeatMate Heaters; 3 new Snapper riders, High back, with catchers, 5-8 h.p.

USED EQUIPMENT: JD 112 Mower Trac. 12 hp. w/hydro Lift; JD 110 Mower; 10 hp Ford w/Mower; 12 hp. Wheel Horse w/Auto & Mower; 1556 Bolen Auto w/Plow & Mower; QT 16 Bolen 16 hp Twin Auto w/Mower; 16 hp Massey Auto w/48" Mower; 16 hp Twin Sears w/Mower & Snow Blower; Dixon 8 hp w/42" Cut; 7 hp Massey w/Mower; 12 hp Massey Auto w/Mower; 5 hp Yardman Rider; No. 68 JD 8 hp Rider w/Catcher; 12 hp Grasshopper w/" Cut; 16 hp Grasshopper w/52" Cut & Catcher; Jacobson 21" Self-Propelled Mulcher and many other mowers by sale day. Accessories and new tools, pipe wrenches and socket sets.

NOTE: A real fine selection of brand new and good used lawn and garden equipment, just in time for spring. Financing available.

TERMS BY:
LAWN CARE of PENNA.
DANIEL Z. MARTIN & SON
(215) 445-4541

Auction Conducted By:
Randal V. Kline (717) 733-1006
Lloyd H. Kreider, Auctioneers
Roy Good — App. Auct.

Lunch Available

KLINE & KREIDER AUCTIONEERS
Phone (717) 733-1006

PUBLIC AUCTION

Farm Machinery and Grain Dump Trucks
DISPERSAL SALE

The undersigned, discontinuing grain farming, will sell the following at Public Auction on the premises known as 50 MILL CREEK ROAD - ½ mile South of PULASKI HIGHWAY (U.S. Rte. #40) - 1 mile Northeast of the Susquehanna Toll Bridge (at Md. Rte. #222) - between PERRYVILLE and NORTHEAST in Cecil County, Maryland.

SATURDAY, APRIL 17
at 11:00 A.M.

1968 Ford 750 8 cyl. Truck with 16 ft. Grain Dump Body; 1961 Ford C-700 COE 8 cyl. Truck with 16 ft. Grain Dump Body; A-C 7040 Diesel WFE Tractor 135 HP (1100 Hrs.) with Power Shift, Cab, Air and Heat (late model); 14 ft. Crust Buster Disc Harrow (like new) with fold-up attachment and transport wheels; White Diesel 8600 Harvest Boss Combine Hydro-static Drive with cab and full equipment incl. 13 ft. Grain Table, 4 row Corn Head and Straw spreader; N-H 56 S-D Hay Rake, 5 bar; Elec. Wheel 6025 Flat Bed Wagon; N-H 469 Haybine, 9 ft.; John Blue 400 Gal. Stainless Steel Tank Field Sprayer; 18 ft. 3 section Rotary Mower with 8 ft. forward unit and tandem twin hyd. fold up rear units; IMCO 8 ft. 3 pt. Scraper Blade; J-D 4 row cultivator; 300 gal. fuel Tank w/hand pump; 110 gal. fuel Tank w/elec. pump; J-D F135 semi-mounted 5x16" Plows; J-D 12 ft. Roller Harrow; Patz 26 ft. Hay Elevator; GT 1500 bu. portable Grain Bin; GT 570 PTO portable 500 bu. Batch Dryer w/wheels; Hutchinson PTO 8"x24 ft. Grain Auger; New and Used Truck Tires and Rims; NO SMALL ITEMS.

TERMS - CASH or APPROVED CHECKS.

MR. & MRS. THOMAS H. MAYBERRY,
Owners
PERRYVILLE, MD. 21903
Phone 301-642-2171
John O'Neill, Auctioneer
Forest Hill, Md. 21050
Phone 301-838-6980

Auctioneers' Note: This is a short sale with no small items. The machinery and equipment is in good working order, having been well cared for by an experienced farmer.

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

SAT APR 17 - 10 A M Public Sale of Cattle, Farm Equipment and Household Goods Located at the Farm Show Building, Adele Ave , Manheim, PA, right beside the Senior High School Manheim Community Farm Show Benefit Sale

SAT APR 17 - 10 A M Public Sale of Cattle and Farm Equipment Located on CC Allis-Brushville Rd , 2 mi east of CC Allis, 3 mi west of Le Raysville, PA, 1 mi off PA 467 east of Rome, PA via Rt 467 Nick Ugliazza, Owner Howard W Visscher, Auctioneer

SAT APR 17 1 P M Public Sale of Farm Machinery Located 2 mi west of Brooklyn and PA Rt 167, 3 mi east of Dimock and PA, Rt 29, 6 mi Northwest of Hop Bottom and Rt 11 Julius O C Post, Owner Wayne E Weaver, Auctioneer

SAT APR 17 - 9 30 A M. Public Sale of Trucks, Tractors and Farm Machinery Located 5 mi north of Newton, NJ Ideal Farms Inc , Owner Col John P Kachmar, Auctioneer

WED APR 21 - 9 A M Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J. Fry and L Horst, Auctioneer

WED APR 21 - 10 A M Public Sale of Real Estate, Farm Equipment, Tools, Antiques and Household Goods Located along Highville Rd , RD1, Millersville, Manor Twp , Lanc Co , PA, 1 mi northeast of Highville Fire Co or 5 mi southwest of Millersville near intersection of Highville and Indian Marker Rd Mr and Mrs John O. Hess, Owners Howard Shaub, Auctioneer

THURS APR 22 - 10 A M Public Sale of Farm Equipment, Household, Antiques and Collectibles Located off Rt 42, 1 mi north of Bloomsburg, go 2½ mi on the Millertown Rd. Mr and Mrs Earl Mc Cay, Owners Gele L Derr and Frank Stackhouse, Auctioneers

THURS FRI APR 22 & 23 - 9 A M each day Public Sale of Farm Equipment Located at our place of business located 6 mi south of Chambersburg, PA one mi east of Marion, just east off I-81 at Marion exit along Rt 914, Ralph Horst, manager

THURS APR 22 - 11 A M Public Sale of Equipment Located at Thomas Best and Sons Equipment, Nassau, DE Rt 113 south to Rt 1 to Nassau U S Dept of Agriculture, Farmers Home Administration, Agricultural Service Center, Owners Harry Barrett and Anthony B and Chester Lee Carroll, Auctioneers

FRI APR 23 - 6 P M Public Sale of Swine and Pigs Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rd , 1½ mi south of Lebanon, PA Lawrence, Leon and Thomas Arnold, Owners Harry Bachman, Auctioneer

FRI APRIL 23 - 6 P M Public Sale of Bred and Open Gilts and Boars Arnold's 22nd Production Sale located at the Lebanon Fairgrounds, Lebanon, PA Leon and Thomas Arnold, Owners Harry Bachman, Auctioneers

FRI and SAT APR 23 and 24 - Evening Consignment Sale of Farm Machinery, Building Materials, Household, Antiques, Guns and Etc Located at Newburg and Hopewell Firehouse Phone 717-423-5417 or 717-423-6313

SPECIAL HORSE SALE
DRAFT HORSES, MULES & DRIVING HORSES
FRIDAY, APRIL 23, 1982
7:00 P.M.

AT NEW HOLLAND SALES STABLES, INC.
Horses Hitched at 12:00 Noon

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

2 Loads Draft Horses, Mules and Driving Horses consigned by Ward Wright.

1 Load Standardbred Driving Horses consigned by Jonas Beiler.

1 Load Standardbred Driving Horses consigned by Clayton Waterbury.

1 Load Standardbred Driving Horses consigned by Reuben G. Stoltzfus.

1 Load Saddlebred Driving Horses consigned by Ben King.

1 Load Draft Horses consigned by Christ Smucker.

1 load Draft Horses and Mules consigned by Norman Kolb.

1 Load Driving Horses consigned by Elam Stoltzfus.

Plus many more consignments.

For more information contact:

Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

Next Horse & Pony Sale, May 14th, 7 00 P M

PUBLIC AUCTION OF FARM EQUIPMENT, TOOLS AND LUMBER
SATURDAY MAY 1
At 11:00 A.M.

Located approx. 1 mile east of Frystown, Berks Co., Pa.
Directions: Rt. 645 N. to blinker light at Frystown. Turn right go east approx. 1½ miles to first farm on left or coming from Bethel on 501 S. follow detour signs which will direct you past the sale on right. Watch for sale signs

FARM EQUIPMENT

450 Farmall gas tractor, 230 Farmall tractor, F-20 completely restored and in working condition, flat bed wagon, steel box wagon, gravity bin (like new) McCormick bale elevator, grain drill, New Idea manure spreader, side hay rake, Int. no. 55 baler w/motor, no. 76 pull type combine w/motor, no. 54 pull type combine w/motor, hay crimper, 2-Massey Harris self propelled corn pickers, 2 disks, 2 spring harrows, cultipacker, land roller, 3 bottom plow (fast hitch), 2 bottom (fast hitch), sickle bar mower, 2 row corn planter (fast hitch), 2 front end loaders, corn sheller, grain augers, cultivator, milk cooler.

TOOLS AND MISC. LUMBER

Large grinding stone, chisels, hammers, axes, picks, shovels, wrenches, vise bench grinder, crow bars, tool boxes, nuts & bolts, hyd. jacks, Stewart cow clippers (like new), chains, belts, old beam scale, ext cords, grease guns, grass seeders, air compressor, milk pump, assort. molding, boards and doors, etc., fence posts, wooden pig scraping table, some hay & straw, mini-bike, large iron water trough, reel type lawn mower, also misc. household goods too numerous to mention

SALE TIME: 11:00 A.M.
ORDER OF SALE: Household goods, tools and equipment.
Not many small items so come early.

Conditions by:
CLARENCE BATDORF
Auct. Sylvan B. Witmer, 933-5328
Clerks: Weaver & Fields

Refreshments served by St. Paul's Reformed Church
Not responsible for accidents

ESTATE & BUSINESS LIQUIDATION
ABSOLUTE PUBLIC AUCTION
SATURDAY APRIL 24
At 9:30 A.M.
Blain Planing Mill, Blain, Perry County, Pa. 20 Miles West of New Bloomfield, just off Rt. 274 West in Boro of Blain.

REAL ESTATE AT 1:30 P.M.

1 Acre tract of land containing warehouse building, store building, several other buildings utilized for planing mill operation. Ideal for saw mill type operation in conjunction with another business.

SAW MILL & SHOP EQUIPMENT

Metra-Cut Preprogrammed Centerpoint Saw System Complete With 16" Carbide Tip Blade 5 hp Motor and Controls 42" Cross Cut Capacity 1 year old, Collady 20" Planer, Lehman 12" Jointer, Complete Frick Saw Mill Including Edger, Rip-saw, Cut-off Saw and Carriage Conveyors, American 4" x 8" Molder, Radial Arm Saw, Several Air Compressors, Electric Welder, Acetylene Outfit, Wisconsin Motors, Drill Press, Siding Brake, Two 3hp Concrete Finishing Machines, Portable Generators, Grinders, Extension Ladders, Paint Sprayers, Glass Cutting Table, Lathe, Bench Vises, Workbenches, Drills, Saws, Hundreds of Hand Tools, Electric Motors, Plating Tank, Schramm Portable Air Compressor, Portable Cement Mixer, Portable Sandblaster, 10 Sections Scaffolding, 275 Gal. Fuel Tank & Pump, 3 Cable Comalongs, Heavy Duty Winch, Log Splitter Parts, Piles of Lumber, Scrap Iron Piles, Diesel Engine, Old Motors & Engine, Thousands of Hardware and Parts Items Too Numerous to List. Also 8'x16' Wooden Storage Shed!

VEHICLES & MACHINERY

1977 GMC Window Van, 1976 Chrysler Cordoba, Case Model W-3 Backhoe Loader, Clark Forklift, Allis-Chalmers HD6 Dozer, 1967 GMC Pick-up Truck, John Deere Model A Tractor, 1963 Dodge Truck w/Utility Boxes, 1974 750CC Yamaha Motorcycle, Tandem Axle Tag-a-long Trailer, 1962 International Pitman Aerial Bucket Truck, Few Wrecked Vehicles, Plus Misc. Parts!

ALL NEW HARDWARE & LUMBER STORE INVENTORY

Fisher Wood Stove, Stove Pipe, Blacktop Sealer, Barn & Roof Paint, 2 x 4's, 2 x 6's, Celotex, Cherry Lumber, Oak 6 x 6's, Bolts, Nails, Screws, Plumbing Supplies, Sawblades, Hand Tools, Snowblower, Plastic Hose, Drill Bits, Hinges, Paint, Copper Fittings, Parts Bins, 50lb. Boxes Nails, Paint Brushes, Sandpaper, Rainspouting, New Lumber, Block, Sheeting, and Thousands of Small Pcs of Home & Hardware Supplies!

ANTIQUES & GUNS

Ruger 357 Magnum Pistol, Colt .38 Caliber Pistol, Smith & Wesson - .38 Caliber Pistol, Winchester 30-30 Rifle, Remington 222 Model 843, Marlin 22 Rifle, 5 Twelve Gauge Shotguns, 22 Magnum Model 197, 2 Antique Double Barrel Shotguns, 2 Antique Revolvers, 45 Caliber Flintlock Rifle, Several Other Antique Rifles and Pistols, Ammunition, Gun Cabinet, Zenith Color TV, Oak Dresser, Blanket Chest, Oak Medicine Cabinet, Antique Scales, Antique tools, Antique Horse Items, Wood Stove, Tinware, Kerosene Lamp, and Other Collectibles!

NOTE: Sale Order - Store Inventory 9.30 A.M., Vehicles & Machinery 12:00 Noon, Real Estate 1:30 P.M., Saw Mill & Shop Equipment 2:00 P.M.

Very large auction with many items not listed, there is something here for everyone. Two auctioneers selling at same time!!!

BLAIN PLANING MILL
Estate of William Wheeler
Jordan Cunningham, Administrator

KERRY PAE AUCTIONEERS
327 North Front Street
Harrisburg, Pa. 17101
717-236-3752

EARLY SPRING
MACHINERY CLEARANCE SALE
HUNDLEY FARM IMPLEMENTS, INC.
CANTON, N.Y.
SATURDAY, APRIL 17
11:00

Sale to be held at Hundley's Farm Implements Inc. Located on Route 11 about 2 miles South of Canton, N.Y. and 3 miles North of DeKalb Junction, N.Y. watch for auction arrows.

TRACTOR & SKID STEER LOADERS & LAWN EQUIPMENT

INT #656 hydr. diesel Tractor, JD #2010 Diesel Tractor, AC #17 diesel Tractor, 1980 Case #2290 - 4 wheel drive w/powershift drive only 600 hrs., Excellent Condition, 1980 Case #2090 Diesel Tractor w/cab, Case #90 Hydr. Loader with all controls & 6' bucket, Case #1490 Diesel Tractor, Case #1170 Diesel Tractor, David Brown #1412 Diesel Tractor & Cab, Ford #871 Diesel Tractor, (2) Farmall (H) Tractors.

SKID STEER LOADERS

(2) Case #1530 (B) Skid Steer loader w/bucket, (2) Case #1816 Skid Steer Loader w/bucket.

BRAND NEW - Case #110 Lawn Tractor w/34" Mower.
DEMO - Satah #655 w/ranger mower.

★★★★★★★★★★★★★★★★★★★★★★★★

Electrac #E15 Garden Tractor w/snow blower. NH #514 Tractor w/mower. Agway Lawn Tractor.

★★★★★★★★★★★★★★★★★★★★★★★★

SPECIAL - COACHMAN 23' 5th wheel camper - just like brand new condition.

★★★★★★★★★★★★★★★★★★★★★★★★

TILLAGE & PLANTING EQUIPMENT

Overun 4 btm. semi. mount automatic reset plow; 3 btm. trailer plow, Brillion 12' Pulvimulcher, Brillion 12' Pulverizer, (5) Brillion 10' Transport grass seeders, 2 box style w/acre meters, (2) Brillion 4 row crop cultivators, (2) Hanson 6 row trailer sprayers, Case #D15-13' double offset Transport Harrow, Case #F21-9"-12' tandem wheel Transport harrow, Case #D24 double offset 16'6" transport harrow, 16' Cart Harrow w/carry lift.

USED EQUIPMENT

INT spring tooth harrow, JD #210-12' transport Harrow, AC 10' transport harrow, Brillion 10' double gang pulverizer.

BRAND NEW - Cole 2 row corn planter, 3 pt. hitch.

HAY EQUIPMENT

BRAND NEW EQUIPMENT - (2) Kicker racks on good running gears, (3) NH #234 running gears; (2) NH #230 Running gears. USED EQUIPMENT - (1) Kicker Rack on good running gear, AC running gear, NH #131-24' skelton elevator (portable type), Farmhand windrow turner, Case rake, NH #268 Baler, NH #78-Baler, JD #13T Baler w/thrower, Long #680 Baler, NH #460 Haybine, JD #483-haybine, (2) JD #480 Haybines, NI #290 Mow/ditioner, Hesston #PT1020 hydro-swing haybine, McConnell Mower Conditioner, Ford #503-3 pt. hitch mower.

FORAGE EQUIPMENT — NH #818 Chopper w/1 row corn head & pickup head, NH #717R-1 row corn head, NH #770 Chopper w/717R 1 row corn head & 770W pickup head, JD #34 Chopper w/1 row corn head, AC #782 Chopper w/1 row cornhead & pickup head selling complete, MF #84 Chopper w/1 row corn head, Papec corn head, NH #S26 Hopper Blower, AC Hopper Blower.

SPREADERS

BARGAIN DAY SPECIAL: NH #301 Liquid Tank Spreader (BRAND NEW)

NH #S767 Tandem Wheel 275 BU Spreader, NH #328-13 bu. spreader (2) NH #510 Spreaders, NH #327 Spreader, (3) NH #362 Barrel Spreaders, NH #365 Barrel Spreader; Hawk #207 Barrel Spreader (like new); Hawk 145 bu. Barrel Spreader, AC-160 bu. Spreader, and JD #33 Spreader.

MISCELLANEOUS

Mueller 200 gal. Bulk tank, Ford front mount snow blade, with many more misc. items, lines of machinery & Tractors will be sold last.

NOTE No Guarantee of any items listed as there will be changed in inventory due to daily business. Financing Available by contacting Vern Weston at 315-386-2762 or 315-386-8450 PRIOR TO SALE DATE

TERMS: Cash or Good Checks Day of Sale. Lunch by Morley Fire Dept. Auxiliary.

HUNDLEY FARM IMP., INC.
OWNERS
Canton, N.Y. 13617

Auctioneers:
Robert Lathrop 607-844-4757
Arlow Kiehl 315-788-1736
JACK WOOD'S LIVESTOCK AUCTION SERVICE
Sales Manager
Cincinnatus, N.Y. 13040 Phone Days 607-863-4141

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI APR 23 - 7 P M Special Horse Sale of Horses and Mules at New Holland Sales Stables, Inc 12 miles East of Lancaster, Pa just off Rt 23, New Holland, Pa Abe Diffenbach, Manager

FRI APRIL 23 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Mimt Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI APR 23 - 12 30 P M AND SAT APR 24 - 9 A M Public Sale of Antiques and Farm Machinery Parts Located along Rt 897 midway between Blue Ball and Terre Hill, PA, ¼ mi north of Weaverland Mennonite Church Mrs C B Zimmerman, Owner Samuel H Stoltzfus and Jay M Leary, Auctioneers

FRI APR 23 - 6 P M Public Sale of Cattle Located 5 mi north of Chambersburg, PA and 5 mi south of Shippensburg, PA on Rt. 11 John C Diehl and Sons, Owners, Robert C Mullendore, Auctioneer

FRI APR 23 - 10 A M Public Sale of Shop Equipment Located on Rt 6, Wyalusing, PA Goodwin Implement, Owner Howard W Visscher, Auctioneer

SAT APR 24 9 30 A M Public Sale of Farm Equipment and Antiques Located just off Rt 61 behind Farm Credit Office, Shoemakersville, Berks Co Homer Dietrich, Owner Kenneth Leiby, Auctioneer

SAT APR 24 - 9 A M Public Sale of Real Estate Antiques, Glassware, Coins and Household Goods Located at 19 N Conestoga View Dr, Akron PA, turn west just off Rt 272 at Shafer s Sunoco Station onto N Conestoga View Dr Levi N Wise, Owner T Glenn Horst and Timothy G Horst, Auctioneers.

SAT APR 24 9 A M Public Sale of Garage Equipment, Parts, Motors, Office Equipment, Tire, Wheel, Tubes and Grain Equipment Located 2 mi southwest of New Berlin or 6 mi northeast of Middleburg, PA along Middleburg-New Berlin Hwy at Former Royer's Farm Service, Snyder Co Henry and Dorothy Royer, Owners Ken Smith, Auctioneer

SAT APR 24 - 9 A M Public Sale of Farm Machinery, Personal Property, House and Barn Located on the Accomac Rd, 1 mi north of Wrightsville exit of Rt 30 Bypass Mr and Mrs Glen Morningstar Sr and Boy Scouts of America, Owners Frederick Toomey, Auctioneer

SAT APR 24 - 10 30 A M Public Sale of Tractors, Farm Machinery, Tools and Antique Farm Tools Located 1 mi north on Board Rd, from Exit 11, I 83, at Emigsville, turn left at Bear's Fruit Stand York Co Clair Adams, Owner Blaine N Rentzel, Auctioneer

SAT APR 24 9 30 A M Public Sale of Farm Equipment, Automobiles, Trucks and Tractors Located in the Village of Mifflinville, PA on Market St Orphanage Mill Estate of Michael Difebo Gele L Derr and Frank Stackhouse, Auctioneers

SAT APR 24 11 30 A M Public Sale of Mobile Home, Cars and Farm Machinery Located in Halifax, R D. 4, Dauphin Co, PA, 3 mi north of Halifax, PA on Rt 147 or 3 mi south of Millersburg on Rt 147 and 3 mi east on Ebenezer Rd to TWP Rd, south ¼ mi and north on unpaved road Mr and Mrs Michael Snody, Owners Ed Shoop, Auctioneer

11th WAYNE COUNTY CLUB CALF SALE

SATURDAY, APRIL 24

(12 noon)

Honesdale, Pa.

Location: At the Wayne County Fairgrounds, 1 mile north of Honesdale, Pa. on Route 191, easily accessible from I-81 or I-84 via U.S. Route 6.

60 - QUALITY FOUNDATION ANIMALS - 60

* A Feb. 81 Arlinda Chief dau., Dam VG87 with 20,431 3.8 779 at 4-4, 2nd dam VG 88 Kingpin, 3rd dam VG 87.
* Fancy April 81 Kingpin, dam VG RORAE with 18,137 3.6 650 inc. at 3-1, 2nd dam VG with 25,867 4.3 1122.
* Nov. Sexation from a GP82 dam proj over 22,000, 2nd dam GP with 21,255m 702f.
* Jan 82 Sexation dam VG 88 with 16014 4.2 679 at 4-3
* Dec. Elevation from a Glendell, 2nd dam GP 82 with 24,900, 3rd dam over 32,000 & 1059
* Fancy July Jerry, dam a VG RORAE with 19029 4.1 772, cow index 1079.
* Jan Persuader from a VG Jerry near 18,000, next two dams GP over 20,000.
* Sept Ace, dam VG with 18572, 641 at 2-9 USDA Cow Index 1603.
* April Milestone dam GP82 with 22924 4.2 964.
* Buyers choice Feb. Valiant twins from aVG Charmcross dam over 21,000, 2nd dam GP84 over 18,000
* Aug Jet Stream, dam VG with 18988 3.8 721
* Dec, Valiant from a GP82 dam over 20,000
* Oct. Tamlane from a VG dam over 900 fat.
* Aug Valiant dam GP84 over 16,000 at 2-11 2nd dam VG
* Nov Demand dam proj. over 16,000, 718 fat, 2nd dam VG
* Dec Persuader Dam GP82 Seven J with 18420 3.6 658 in 296d.
* Jan 82 Valiant from a RORAE dam, 2nd dam VG86 over 18,000.
* Nov Elevation Pete from an Astronat Granddaugher over 18,000
* Valiant from a 1st calf proj. over 600 fat, 2nd dam VG86 over 700 fat.
* Nov Line Chief dam GP82 over 16,000 at 3 yrs.
* Feb 82 Valiant from GP84 RORAE over 19,000, 2nd dam VG over 24,000.
* May Altitude, fancy show prospect, dam GP with 21,372 4.0 845.
* July Creek from a VG dam over 23,000, 2nd dam GP84 over 23,000.
* Oct. Glen Valley Star dam a GP82 RORAE with 20,557 4.0 825 at 2-1 2nd dam Kingpin.
* Dec. Creek from a VG87 dam over 20,000 at 3 yrs.
* Oct. Jemini dam a Jet Stream with Cow Index 1607 2nd dam by Elevation.
* Nov. Jupiter dam is GP84 Bold C with 19307 4.9 951.
* Feb 82 Ford from VG RORAE over 15,900, 2nd dam Kingpin over 20,000.
* Oct Jemini from a VG Barret proj over 15,000 1st calf 2nd dam VG86 over 19,000.
* Feb 82 Very from GP82 Kingpin over 20,000.
* Jan 82 New Hope from Charmcross dam over 20,000.
* July Gay Ideal from a GP82 RORAE over 17,000 2nd dam Ex over 20,000.
* April Jemini dam VG with 17,000 3rd dam Excellent.
* Jan 82 Very from GP Clip over 15,000, 2nd dam GP82 over 19,000.
* Nov Penn Dell from a GP81 dam over 23,000.
* Jan Creek from a GP84 Vern over 18,000.
* Dec. Very from a GP82 Jet Stream with 1-11 13479.
* Nov. East Star from a GP81 RORAE with 2-11 298 13895 3.9 543.
* Nov Terence from a GP RORAE with 18,000 at 2 yrs, 2nd dam VG86 Over 19,000.
* Sept Lewie from a VG88 Willow proj. over 20,000.
* Oct. Gem from a GP81 Apollo Rocket Proj. over 16,000 at 3 yrs, Cow Index 1200.

Sale Chairman
Kevin Burleigh
Pleasant Mount, Pa. 18453
717-448-2950

Selectors
D. Ellis Dix
Pleasant Mount, Pa.
717-448-2941

Auctioneer
A. Doty Remsburg
Jefferson, Md.

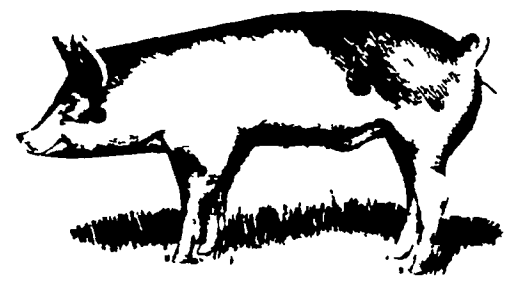
William Bryant
Star Rte, Honesdale Pa.
717-729-7055

For Catalogs call or write Sale Chairman or Selectors
Lunch Available at Sale

South Central Pennsylvania Pork Producers Assn.

1982

Feeder Pig Show & Sale



SATURDAY, APRIL 17

SHIPPENSBURG FAIRGROUNDS
SHIPPENSBURG, PA.

100

TOP QUALITY FEEDER PIGS

Suitable for 4-H or FFA projects

SHOW: 10:00 A.M. SALE: 1:00 P.M.

For information on entries contact:
Laura L. Watts,
1100 Claremont Road, Carlisle
Phone: 717/249-7220

NOT RESPONSIBLE FOR ACCIDENTS

PUBLIC SALE

of
REAL ESTATE
(Farm w/18 Acres & 90 Perches)
FARM EQUIP., TOOLS, ANTIQUES, HOUSEHOLD GOODS

WED., APRIL 21

At 10:00

Located along Highville Rd., R.D. #1, Millersville, Manor Twp., Lanc. Co. Pa. 1 mi. northeast of Highville Fire Co. or 5 mi. southwest of Millersville near intersection of Highville & Indian Marker Rd.

REAL ESTATE: 18 acre farm w/2½ story frame frame house w/yellow alum. siding, 6 rms. & full bath. Attached 2 story frame summer house. 1½ story frame barn; 1 story frame hog & chicken pen; 2 story frame tobacco shed; frame & rnd. wire corn cribs. Total of 18 acres & 90 perches of land more or less. 10 A. tillable, 4 A. meadow w/lg. pond, 4 A. around bldgs. 1,650 road frontage along both side of Highville Rd. Property will be open for inspection Sat's., April 10 & 17 from 1 until 3. Real Estate to be sold at 1:00.

G.E. 2 door refrig; I.H. chest freezer; 2 wringer washers; Singer port sewing mach., Fine old walnut slant top desk. Furniture in oak, pine, wicker, mahg., metal, uph. chrome. Pr. Bristol lights; picture frames; lg. & sm. crocks & jugs; baskets; iron Forest Oak wood chunk stove; milk cans; lanterns & bottles. Butchering tools & other articles in iron & wood. Glassware & china in 22K gold, pressed, milk glass, blown egg & other glassware & china not listed. Kitchen articles; ping-pong table; kids's sleds, toys, games & books. Boy's 10 speed bikes.

FARM EQUIP. H. Farmall tractor; J.D. M. tractor w/plow, cultiv. & manure loader; flatbed wagon on rubber; 24 disc; 8' cultipacker; 7' J.D. trailer mower; 2 bottom 14" trailer plow on rubber; grain drill; tobacco lath, clippers & spears; platform scales; well drilling bits; air comp.; 8 h.p. Dimone Mark 36" cut riding mower; Simplicity garden tractor; 5 h.p. rotatiller; 30" lawn sweeper, chain & skill saw: all kinds of barn, hand & garden tools. Tool boxes; snow fence; other misc. articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. JOHN O. HESS
Barley, Snyder, Cooper & Barber Attys.
Howard Shaub Auctioneer 464-3541

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

Farm Machinery Sales
First and Third Wednesday of Each Month Jan. through Oct.
Farm Machinery Accepted At Any Time From 7 A.M. to 6 P.M.
Sat. Til 12:00 Noon

No Small Items Will Be Accepted At Any Time. All Small Items Must Be Brought In Day of Sale And Sold Off of Trucks or Wagons.

Positively No Unloading Day of Sale Except Lawn And Garden Equipment, Farm Machinery and Big Equipment.

Tool and Hardware at 9:00
Shop Equipment & Lawn (and Garden Equip. at 12:00)
Machinery at 1:00

No Household Goods
No Out of State Checks
Selling With 6 Auctioneers

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

PUBLIC SALE

INVENTORY REDUCTION SALE
FURNITURE GRADE LUMBER

All sizes of Birch-Cherry-Walnut-Oak- Poplar
V-Belts-Pulleys-Guns-Tools

SATURDAY, APRIL 17

9:00 A.M.

Located in Lancaster County, PA - 4 miles south of Strasburg. From Rt. 896 & 30 go south thru light at Strasburg onto S. Decatur Street follow 4 miles to White Oak Road, go west, 1st road right.

FURNITURE GRADE LUMBER

Approximately 200 ft. 1, 1½, and 2 inch air dried cherry; approx. 2000 ft. white ash, air dried 8 months; 300 ft. green white ash; approx. 6000 ft. poplar, green; 700 ft. 6/4 poplar; 2000 ft. birch; 1000 ft. walnut, random width; **approx. 100 oak and ash wagon tongues.** 2x4's; 3x4's; 3x6's; 6x6's; 2x8's; 2x10's; 2x12'; 8x8's; 10x12's; 1x4's; 1x6's; 1x8's, random length; poplar tobacco rails; 100 new pallets 46x46.

SAW EQUIPMENT - TOOLS - ETC.

12 inch Cornell sawdust blower; 30 inch heavy saw dust blower; 6 inch blower pipe; 2 cut saws; iron bender; 24 ft. belt conveyor; 10 ft. belt conveyor w/electric motor; lumber rolls; hydraulic cylinders, valves and hoses; hand setworks for American carriages w/foot receder and hand feed works; 2 model SNIV Senco air nailers; model M111 Senco air stapler; nails and staples; new log cleaner, no motor or cleaning wheel; 1 ton chain hoist; 4 ft. nylon belting; 2 ft. rubber belting; Thunder Gun pressure washer; 2 winches for John Deere crawler; 2 275 gallon tanks; 1 1000 gallon tank (never used); No. 50, No. 60 & No. 100 chain & sprockets; V belts, various sizes up to 260 inches long; flat pulleys; line shafts w/pulleys and bearings; approx. 20 V pulleys size B & C; ½", ¾" and 1" pipe; 2 wheel trailer; 24 and 30 inch buzz saws; 40 ft. roll door track; 7x9 over head door; International Model V 20 h.p. gas engine w/clutch for parts; Frick husk for parts; **G.M. 471 rebuilt diesel w/clutch 120 h.p.**; many items not listed.

GUNS & BOW

Winchester Model 94 30-30 lever action; Harrington & Richardson 12 ga. single barrel shotgun, 30" full choke; 70 lb. Jennings compound bow.

Owner
WHITE OAK SAW MILL
Joseph King, Proprietor

Auctioneers:
Steve Petersheim
717-786-4624
Everett Kreider

Lunch Available on Premises

PUBLIC SALE

Modern Farm Equipment & Trucks

Having assigned my farm leases to others & discontinuing farming, I will sell my equipment which has been moved for convenience of sale to the Westminster Livestock Auction Market Grounds along Rt. #31, between New Windsor & Westminster, Carroll County, Maryland, on:

THURSDAY, APRIL 15

Starting at 12 O'Clock Noon, the following:

John Deere 4020 Tractor w/Power Shift, wide front, new rear tires; Massey Ferguson 510 Combine w/A.C. cab, 4 row corn head, 13' grain head w/flotating cutter bag; J.D. #145 Five Bottom Plow, J.D. 6 Row No Till planter, J.D. BWA disc harrow, J.D. #8300 grain drill, Brillion 16' transport spring tooth harrow, Brillion 14' roller harrow, Woods model 214 rotary mower, Century 3 pt. sprayer, 1100 Gal. polyethylene nurse tank, J.D. tractor weather shield, 5 hydraulic cylinders, some Misc. parts.

TRUCKS - 1974 International Co. 1710A Tandem w/20' grain dump body, good condition; 1964 International 1890 w/15' grain dump body, 1969 International 8 Cyl. 4 wheel drive Scout. The Farm Equipment is in "Field Ready" condition. NOTE-There are no small items. Sale will commence with the large equipment.

DONALD P. BAILEY
Owner
PH 857-5803

Austin Bohn, Auctioneer
Sidney D. Lease, Clerk

SHORT NOTICE

VALUABLE REAL ESTATE AUCTION
136 ACRE SNYDER COUNTY FARM
FRIDAY, APRIL 30
At 2:00 P.M.
MUST BE SOLD - OWNER FINANCING

LOCATION: West Beaver Twp., Snyder County, off Rt. 522. Travel either 18 miles north of Lewistown or 18 miles south of Middleburg, along Rt. 522 to town of McClure. Turn north at Country Corner Restaurant and travel approximately 1 mile to first road on right. Turn right, 2 miles to farm on right.

136 acre farm with level to rolling terrain, in high state of cultivation. 110 acres tillable, balance in woodland and pasture. Buildings consist of beautiful 3 bedroom, 2½ story frame house with cherry, raised-panel kitchen and all appliances, diningroom with random-width hardwood flooring, livingroom and family room with brick fireplace and open beam ceiling; 1½ baths and laundry on first floor. Blown insulation, throughout the house, wall-to-wall carpets and plenty of storage area.

Outbuildings: 20'x40' frame barn; 24'x50' machinery pole building; 1 car garage & shop area.

AUCTIONEERS NOTE: Tremendous opportunity to purchase a farm. Ideal for genuine farmer, gentleman farmer or investor. Attractive owner financing available to prequalified buyers. 10% due day of sale, balance at settlement in 30 days; except for prequalified buyers desiring owner financing. Buyer may start cultivation of land immediately. Possession of house at settlement time. For complete details, copy of survey or terms, call or write Kline & Kreider Auctioeners, R.D. #1, Stevens, Penna. 17578 (717) 733-1006 or (717) 569-8701.

Terms by:
MELVIN J. HURST

Auction conducted by:
Randal V. Kline, Lloyd Kreider
Roy E. Good Jr. App. Auct.

KLINE & KREIDER AUCTION SERVICE
Phone (717) 733-1006

PUBLIC AUCTION

Valuable Real Estate - Acreage
MONDAY, MAY 3rd
10:00 A.M.
Located in E. Hempfield Township just off East State St., East Petersburg, Pa.

Real Estate consists of 23.70 acres M/L in East Hempfield Twp., Lancaster County, Pa. Preliminary subdivided in 49 Residential lots 16,500 sq. ft. each. Zoned R3. Copies of preliminary prints available. Write or call for same.

To the farmer or developer come take a look at this one, good location.

Sale By Owners,
WEAVER & GLICK, A.W.P.
393-0403 Mr. Weaver
E.M. Murry Assoc.
Aucts.

Consignment Sale

MARYLAND JERSEY CATTLE CLUB SALE
SATURDAY, APRIL 17
11:30 A.M.
At Gaywinds Farm-Keymar, Md.
37 Females

Waverly Farm, Va. - 2 yr. old W F Stardom Judge, a son of Sybil Surville Jesse, bred to Joys Count who is out of Saint Countess with 16064M 776F. Dam has 10545 M 600 F.

Walebe Farms, Pa. - March '82 Starn General out of a Silver Vermonter daughter.

Gaywinds Farm, Md. - Golden Faithful 5 yr. old with 9250M 514F. Dam 16010M 779F at 5-10.

Dreisbach's Long Meadows Farm, Pa. - Milknhoney General senior heifer calf. Dam is VG-93 with 1-11 10497M 613F. Was '80 Pa. State Sale Production winner.

Waverly Farm, Va. - 3 yr. old W F Generator Jupiter bred to W F Quicksilver Porter and due 8-10-82. Dam has 15560M 828F.

Spring Valley Farm, Md. - September Production Plus heifer out of an SV Grand Design daughter.

Skip-A-Rilla Farm, Va. - HVF Advancing Generator 2 yr. old due 6-12-82. Dam Des-78 Advancer Sleeping Milestone with 1-8 265 7950 389 Inc.

Margaretta Eliason, Del. - Junior yearling by Jodys Noble Surville. Dam has 12217M 747F. Top Md. & Del. production record for 2 yr. old in '81.

Buddy Barnett, Pa. - Senior heifer calf by Silver Vermonter. Dam has 14748M 651F.

J. Howard Stiles, Pa. - Shadewell Fascinator intermediate heifer. Dam has 15787M 673F at 6-3.

Skip-A-Rilla, Va. - Jodys Noble Surville Jr. yearling out of a 5% Jeweler's daughter. Next dam is VG-82 with 10932M 616F.

Walebe Farms, Pa. - 3 yr. old by a son of Baronet out of a VG Marlu Milestone daughter with 10930M 592F.

Stephanie Kocher, PA. - Senior heifer calf by B. Sleeper Valiant. Dam was Jr. champion at '80 Pa. State Junior show.

Kelly S. Robinson, Pa. - A Fashionable Pioneer. First daughter milking in 40's.

Springhouse Farm, Pa. - Shadewell Fascinator Jr. yearling. Dam with 12319M 566F.

Kenneth Lusk, Pa. - Intermediate heifer by Golden Faithful out of a Des-79 daughter of B.S. Noble Superb.

Robert Lusk, Pa. - Senior heifer calf by Forest Midnight out of a Victory Time Predictor daughter.

Claude Swartzentruber, Md. - Intermediate heifer, a granddaughter of Samson out of Jeweler.

E.J. Zwicker, Va. - A 2 yr. old by Fairview Sleeping Plowboy. First daughter fresh at Fairview milking up to 47 lbs. Dam, a daughter of Fairview Miladys Duchess with 25250M 1637F.

B. Barnett, Pa. - An Alpine Max 4 yr. old Dam with 14748M 651F.

Clyde McConaughey, Pa. - Samson senior heifer calf out of a Golden Faithful show winner.

Spruce Hill Jerseys, Pa. - 2 yr. old Generator Jeweler out of a Topcat daughter bred to Advancer Sleeping Milestone.

David & Robin Phillips, Pa. - A Jodys Noble Surville Jr. yearling. Dam projected to 10092M 424F.

Catalogs Available
SALE CHAIRMAN
HANSEN HOFFMAN
Ridgely, Md. 21660
301/634/2255

AUCTIONEER
S. Braden King
Boonsboro, Md. 21713
301/432/6002

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT. APR 24 - 9 A.M Public Sale of Real Estate, Farm Equipment, Power and Hand Tools, Antiques and Household Goods Located about 1 mi. south of Village of Conestoga, corner of River Corner Rd and River Rd., RD1, Conestoga, Lanc. Co., from Conestoga Post Office take River Corner Rd. to sale. Mrs Abram N Millhouse, Owner Howard Shaub, Auctioneer

SAT APRIL 24 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT. APR 24 - 11 A.M Public Sale of Farm Equipment. Located between Dalmatia and Hickory Corners on the farm, turn off Rt. 147 in Dalmatia, go east 1 mi. to Lenker Lane and west on McKees Rd Lee R. Dreibelbis, Owner

George and Mike Deibert, Auctioneers.

SAT APR 24 - 9 30 A.M Public Sale of Real Estate, Shop Equipment, Vehicles, Machinery, Hardware, Antiques and Guns. Located 20 mi west of New Bloomfield, just off Rt. 274 West in Boro of Blain. Blain Planing Mill Kerry Pae Auctioneers

SAT. APR. 24 - 9 A.M Public Sale of Hardware. Located on Mt Sidney Rd., Witmer, PA, Lanc. Co., across from Witmer Fire Hall. Jonas and Mary Stoltzfus, Owner. John S Stoltzfus, Larry Neuhauser and Larry McMaster, Auctioneers.

SAT APR 24 - 12 Noon Public Sale of Cattle. Located at the Wayne Co Fairgrounds, 1 mi north of Honesdale PA on Rt 191, easily accessible from I-84 via U S Rt 6 11th Wayne County Club Calf Sale A. Doty Remsburg, Auctioneer

SAT. APRIL 24 - 16th Colonial Charolais Spring Sale, at the Farmers Livestock Exchange, Winchester, VA Sponsored by the Colonial Charolais Assoc Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

SAT APRIL 24 - 10 A.M Hans Herr House Benefit Auction located at Lampeter Community Building along Rt. 741, Lampeter, Penna Quilts, Antiques, various tools, etc Any donations for sale contact Earl Groff at Herr House, 717-464-4438 Carl, John Diller and other area auctioneers.

SAT APRIL 24 - 9 A.M 2nd Annual Spring Public Auction of Lawn and Garden Equipment, Hardware and Tools by Farmersville Equipment, Inc, Farmersville, Pa. John E. and Paul E Martin, Auctioneers.

SPECIAL FEEDER CATTLE SALE

SATURDAY, APRIL 17
1:00 P.M.
600 HEAD 600
STEERS, HEIFERS, BULLS

Sale to be held at ABERDEEN SALES CO., INC., Livestock Auction Market, located 6 mi. east of Bel Air, Md. via U.S. Rt. 1 or 6 mi. west of Aberdeen, Md. via I-95 on Rt. 22, Churchville, Harford Co., Md.

This sale will have all local cattle from surrounding counties. Cattle will be accepted 24 hrs. prior to sale, sorted and graded and sold on out weights in lots to suit all buyers. If you need feeder cattle, plan to attend. If you have cattle to sell, call us and consign to this sale.

ABERDEEN SALES CO., INC.
Churchville, Md. 21028
Phone: 301-734-7105 Night
734-6050 Office
ORDER BUYING SERVICE
CONSIGNMENTS WELCOME
HAULING AVAILABLE

Flesh Complete Machinery Auction

On the former Lyle Inman Farm, located off Rt. 14 - 3 miles from Gillette, Pa., 14 miles from Troy, 12 from Elmira, N.Y. Watch for auction arrows off Rt. 14 in Gillette.

SATURDAY, APRIL 17 at 1:00 Sharp

Ford 5000 diesel w/only 542 hrs. absolutely like new; Ford 4000 diesel select-o-speed tractor w/loader, only 1676 hrs. (real nice); DC Case tractor; JD #40 self propelled combine; 3 hay wagons w/extra heavy built 9' by 16' kicker racks; Gehl #210 self-unloading box; Papec #14 self unloading box; Papec #S 350 chopper w/1 row corn head; Ford #350 baler w/T 500 kicker; Papec hopper blower; IHC #290 - 2 row corn planter trail type; Oliver #546 - 4 bottom hydreset plows; White #283 transport harrows; Kilburne #200 gravity grain box & running gear; New Idea mow-ditioner; Papec #32A chopper w/1 row corn head; New Idea #203 flail spreader; Case 1 row corn picker; Case 5 section harrows; Woods #M5 rotary mower; New Idea side rake; D.B. side rake; N.H. 404 crusher; Ontario 16 hoe grain drill; Sam Mulkey; 32' elev.; New Idea 3 pt. fertilizer sorner; Darf 2 row wheel turner; old rotary mower; old Ford baler for parts; flatbed trailer; 56 C 600 Ford truck w/flat bed; 52 F 600 Ford truck; 33 Ford truck; JD #8 mower; hayfeeder rack; LPS tank cement mixer w/motor; JD cultivator; JD 3 pt. subsoiler; buzz saw; Papec hammermill; 300 gal. gas tank & pump; portable bedding chopper w/gas eng.; Kinpco 250 btu heater; hay drying fan; grain dryer; Pincor 13000 watt alternator & cart; Sears 1 hp. 100 PSI twin cylinder air compressor; 2 sets tractor chains; 1 round ring; corn sheller; platform scales; cyclone seeder; 3 pt. lift boom; acetylene torches; battery charger; wood silo staves; lumber; 4x4-2 endless belts; alum. ladder; old Ford bale thrower; weed sprayer; elec. grinder; elec. saw & stand; JD 422 power washer; tire machine; lawn mower; Craftsman A230 B190 welder; large vice; 2 metal work benches; 10" silo pipe; shovel plow; milk cans; chicken equip.; grass seed; 15 gal. alum. paint; elec. fly catcher; elec. fence post; elec. fencers; oil; barn fogger; wheelbarrow; Stuart clippers; fire existing.; silage cart; picks; shovels; forks; mails; bars; cords; log chains; 5 bags cement; 12 bales NH 1000 ft. twine; approx. 2 ton 10-20-20; other fertilizer; approx. 200 bales straw & large amount of good small tools. Selling order small tools at 1:00 sharp machining approx. 2:00.

Milking Equipment

4 DeLaval milker units; Bender dump station w/washer, dryer & hose; milk house heater.

Sale Mgr. note: We think you will find the best cared for line of machinery & small tools you have seen in a long time. Those of you that knew Lyle Inman will know how well he took care of his equip. Reserve this date for this good quality sale.

Terms - Cash or Good Check. Lunch Available.

OWNERS
ERIC & JANE FLESH

Auctioneer-Arlow Kiehl
SALES MANAGER-GORDON WOOD, MANSFIELD, PA.
PHONE 717-549-4901

For the most in advertising coverage & preparing your sale, Call Woods Auction Service.

Public Sales Register

Closing Date - Monday, 5.00 P.M of each week's publication

SAT. APR. 24 - 12 Noon. Located in Honesdale, PA. 11th Annual Wayne Co. Calf Sale. Remsburg Sale Service. Sale Chairman-Kevin Burligh, RD 1 Pleasant Mt , PA.

SAT. APR 24 - Public Sale of Personal Property and Antiques Located 506 W. King St , Lancaster. Florence Ream Estate, Henry Merig, Ex Randal Kline, Lloyd Kreider and Roy Good, Jr , Auctioneers

SAT APR 24 - 9 A M Public Sale of Farm Machinery, Tools, Antiques Collectibles, Household, Misc and Guns Located 4 mi west of Pillow, PA, 6 mi east off Rt 147, 4 mi east of Malta Violet A. Lenker, Owner Dockey and Dockey, Auctioneers

SAT APR 24 - Public Sale of Farmette, Acreage or Farm Located in eastern end of Juniata Co near Richfield Long Bros Auctioneers

SAT APR. 24 - 9 30 A M Public Sale of Antiques, Household Goods and Farm Machinery Located along the Shaffer Church Rd , between Brodbeck AMP plant and Shaffer church near Wehrly's Auction Room Lizzie Caslow, Owner Charles L Wehrly and Son, Auctioneers

MON APR 26 - 6 30 P M Public Sale of Real Estate. Located on Scotland Rd., East Drumore Twp , Lanc Co., PA, 1 mi. south of the Buck David B and Betty J. Hess, Owners. E.M Murry and Associates, Auctioneers

SAT. APR 27 - 9.30 A.M Annual Machinery Sale at the G & M Livestock Market, Duncansville, PA

SAT APR. 27 - 10 A.M Special Spring Consignment Auction of Farm Machinery, Construction Equip., Trucks and Tools Location Wilson's Auction Sales Inc , Rt 113, 1 mi south of Lincoln, DE

TUES APR 27, 5 30 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneer

TUES APR 27 - 7 P M Public Sale of Land Parcels Located approx 3 mi west of Pillow, PA, off Rt 225, along the Malta Rd , approx 40 mi north of Harrisburg, 20 mi south of Sunbury Estate of William L Deppen Dockey and Dockey, Auctioneers

WED APR 28 - 6 30 P M Public Sale of Feeder Cattle and Pigs Located in Hagerstown, MD Four States Livestock Sales

WED APR 28 - Inventory Reduction Sale of Farm Machinery at Miller's Sales and Service Inc , Stewartstown, PA

WED APR 28 - 6.30 P.M Feeder Sale Locatted in Hagerstown, MD 301-733-8120 Four States.

THURS APR 29 - 5 30 P M. Public Sale of Antiques, Collectibles, Household Goods, Tools and Misc Located on Main St., Valley View, PA, Rt. 25. in the Former Movie Theater. Estate of Irene Hentz Dockey and Dockey, Auctioneers.

THURS APR 29 - 10 30 A M Public Sale of Farm Equipment and Household Goods Located off Rt. 487 - 6 mi west of Bloomsburg off Rt 254 Millville-Rohrsburg Rd) 3 5 mi east of Millville, PA, McHebry Hill Boyd Harvey, Owner Gele L Derr and Frank Stackhouse, Auctioneers

THURS APR 29 - 10 A M Public Auction of Construction Equipment, Farm Machinery and Construction Tools To be held at 195 Grubb Ave , N Lebanon Twp., Lebanon Co , PA Take Maple St north towards Mt Zion and turn right onto Kercher Ave and left onto Grubb Ave and bear left at Y to farm in lane at left Conditions by C & E Construction Harry Bachman, Auctioneer

FRI APRIL 30 - 6 30 P M Public Sale of 200-300 Head Open and Bred Holstein Heifers Located at the Belleville Livestock Market Belleville Livestock Market, Owners Mark Glick, Auctioneer.

FRI APRIL 30 - 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. APR 30 - 10 A.M Consignment Sale of Tractors and Horse Drawn Farm Equipment to be held at New Holland Sales Stables, Inc., New Holland, Pa For more information phone 717-354-4341

MAY

SAT. MAY 1 - 2 P M. Public Sale of Real Estate. Located just east of Lanc , PA at Bridgeport where Rt 30 and 340 meet at 1631 Old Phila. Pk. along Rt 340, East Lampeter Twp , Lanc Co , PA. Elmer G Martin Estate Abe Diffenbach, Auctioneer

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FEATURING FIRST AND THIRD MONDAY EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541

Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs.
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

PUBLIC SALE

of Farm Equip., Tools & 20 Tons of Corn

MONDAY, APRIL 12

at 12:00

Located along Cinder Rd., R.D. #2, New Providence, Lancaster Co., Pa. From New Providence at fish ponds take Cinder Rd. 1 mi. south to sale.

Ford (Sauder) manure loader (new); 16' Mayrath grain auger w/motor; New Idea manure spreader on rubber; flat bed wagon; A.C. hay crimper; 3 pt. 2 row corn planter; Ford 3 pt. weeder & pulley wheel; D.B. garden tractor w/cultv.: Mellinger garden tractor; truck racks; pig feeder; locust posts; metal stakes; elec. fencers; heaters & fan; power tools; truck tools box; hand shop & garden tools; misc. hardware & lumber. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by,

MRS. BRANDT T. HIPPLE

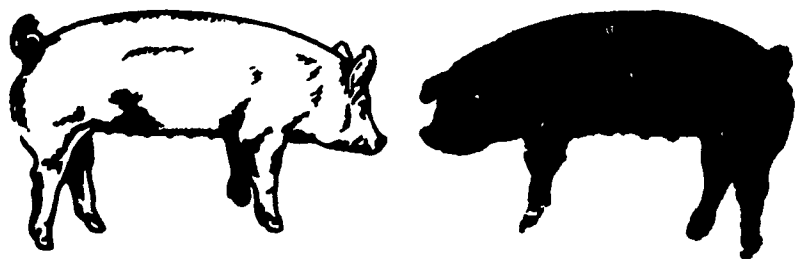
Howard Shaub, Auctioneer 464-3541 and Roy C. Probst

Lawrence, Leon and Thomas Arnold **22nd PRODUCTION**

SALE

OF

Yorkshires **Durocs**



Auctioneer: Harry Bachman, Annville, PA.

50 BOARS

Seven to eight months old, sired by "Charlie Hustle," "Lexington", "Future", "Motor", "Class." Feed efficiency in our herd has ranged from 2.96#/lb. gains in 1976 to a low in Delaware test-1980 of 2.24#/lb. gain. Our boars consistently sire #1 feeder pigs & market hogs.

50 BRED GILTS

Handmated. Due April, May, June. Yorkshire, Duroc, Crossbred.

50 OPEN GILTS

Ready to breed. Yorkshire-Duroc & Landrace.

High Quality crossbred **FEEDER PIGS** for July & August shows.

Cooperative delivery in Md.-Del. May 5th.

Soundness and production are top priorities in our breeding program. Our Yorkshire herd is unsurpassed in production per cow for herds this size. Our animals have done well in test stations. Pennsylvania's 1st Superior Certified Duroc Meat Sire came from our herd. We also had the top indexing boar over all breeds, Pa. State 1979 ("Hustle") and the top boar in Delaware 1980 (Explorer).

All animals vaccinated for Erysipelas & Lepto & Rhinitis. Validated Brucellosis & Pseudorabies Free herds.

Friday Evening, April 23

6:00 P.M.

Sale to be Held At the Lebanon Area Fairgrounds

(Cornwall & Evergreen Roads, 1½ miles south of) Lebanon, PA.

CALL OR WRITE

Yorkshires
Leon L Arnold, R D 7, Box 705
Lebanon PA - 717 273 5880

Durocs
Lawrence Arnold, 1245 Cumberland St
Lebanon, PA 717-272 9827

CATALOGS AVAILABLE APRIL 15th
NEXT SALE AUGUST 20, 1982

ABSOLUTE AUCTION

of FARM MACHINERY, TRUCKS & EQUIPMENT

On the farm, Horns Point Road, from Route 50 south of the Choptank Bridge take Route 343 to sale, 4 miles from CAMBRIDGE, MARYLAND (signs Posted).

SALE DATE: THURS., APRIL 15

at 12:00 Noon

FARM MACHINERY: VERSATILE 700 TRACTOR 4WD duals-555 Cummins diesel 3 pt. hitch-dual Hyd. outlets, JOHN DEERE 4430 D TRACTOR-duals-cab-air & heat, JOHN DEERE 4020 D TRACTOR-duals, JOHN DEERE 4010 D TRACTOR, INT. 400 TRACTOR, INT. H TRACTOR...MASSEY FERGUSON 750 COMBINE-hydrostatic-Air-heat-radio-straw chopper-extended throat-16' grain table-6 row 30" corn head...MF 8x16 Plows, MF 7x16 Plows, Hiniker 19' chisel plow, Case 12' chisel plow, Int. 480-20" disc, Case 18' disc, Brillion 21' pulvimulcher, Chattanooga 15' mulchmonster, varius cultipackers, JD 24' #F100H field conditioner, TYE DRILL 24 spout (like new), JOHN DEERE 7000 6 row planter-monitor-etc., JD 17 spout DRILL, Int. 6 row cultivators, Rolling cultivators 6 row, JD 6 row cultivators, JD 4 section rotary hoe mounted, Bush-hog 12' shredder, Midwest 12' harrow, New Holland 479 Haybine, New Holland 276 Baler, Eli Lilly hay tedder, Sprayrite 8 row recycling sprayer, 2 saddle tanks 200 gal. Agrotec tanks with equipment, 2 150 gal. saddle tanks, Tyler S.S. fert. spreader, 6' snow blower, 2 V grain wagons, JD #158 loader, Rhino 8' blade, Hay elevator, Ferguson ditcher, MF to AC adaptor for combine, battery charger, electric welder, clipper seed cleaner, etc.

TRUCKS: '68 Ford 3/4 ton pickup w/fuel tank & pump, '65 Ford F600 grain dump truck, '63 Ford F600 grain truck, '63 Chevy C60 grain dump truck, '60 Chev. C60 w/10 ton fert. tender, '63 Chev. C60 for parts, '63 Ford cabover for parts, etc.

GRAIN TRAILERS & EARTH EQUIP.: '76 Morgan 30' Alum. dump trailer, '66 Fruehauf 28' Alum. dump trailer, '68 Fruehauf 28' Alum. CASE 1150 BULLDOZER w/Hyd. angle & tilt blade-ROPS canopy, Gallion 15' moldboard hydraulic GRADER, CURRIES 5 yd. pan, CURRIES Bottomless 12' scrape...GE 2-way Radio system, etc.

"LUNCH"

Victor Laws & Jesse Swartz, Agents for Secured Parties &
PALMER FARMS, INC.
Owners
Cambridge, Maryland

HARRY RUDNICK & SONS, INC.
Sales Managers & Auctioneers
Galena, Md. (301) 648-5601

"NOTE": No small items; be prompt, sale starts at Noon...

ABSOLUTE PUBLIC AUCTION

"This Valuable Farm Will Sell Regardless Of Price To the Highest Bidder"

250 Acre Nippenose Valley Farm

Located in Clinton County, Crawford Township. Farm located along Groupe Road on the outskirts of village of Rauchtown, 8 miles south of Jersey Shore on Route 880. "Watch for Auction Arrow."

SAT., APRIL 17, 1982

At Precisely 2:00 P.M.

Buildings & Improvements Include:

2½ story frame house - first floor: large covered concrete porch, very large living room with fireplace and Schrader wood stove, hardwood floors, others with wall to wall carpet. Ornate metal ceiling found in living and parlor rooms. Oil hot air heat. Complete summer kitchen with large windows on the southern exposure, 2 open staircases, 1 carpeted. Large roomy kitchen with cabinets and appliances - Frigidaire refrigerator, Maytag washer, 4 burner Magic Chef gas stove with grill, Medium size parlor room, small den.

Second floor: 5 medium size bedrooms, some with wall to wall carpet, some nicely decorated, full bathroom, upstairs enclosed porch, full attic, ½ basement.

Barn

2 story frame bank barn - large partially enclosed confinement lot, fence line bunk feeders, cattle chutes and headgates, various large cattle confinement pens, other areas consisting of concrete pads and bunk feeders for outside - pasture feeding.

2 trench silos with approximately 100 ton capacity per silo.

Large steel sided frame calving shed.

2 car cement block garage, 2 large wire corn cribs.

1½ story frame tool shed with concrete floor.

Adjacent to house is large frame butchering shed with fireplace.

Land Improvements Include:

Approximately 100 Acres Tillable; Approximately 150 Acres Pasture & Woodland; Farm Pond, Creek, Several Springs.

TERMS: 10% down day of auction, balance within 30 days or time agreed upon.

Immediate possession of all tillable land given upon request.

Not Responsible For Omissions and Errors On Printed Material.

Lewis Stineberger, Attorney
Lock Haven, Pa.
717—748-3296

Sale For

MR. & MRS. C. ROBERT SHERTZER

Phone: 717-745-3543 or 302-995-3730

Auction Conducted By The:
J. OMAR LANDIS AUCTION SERVICE
Jay M. Witman
Box 501, Apple & Robert Streets, Ephrata, PA 17522
717—627-0789 - 717—665-5735

"Our Services Often Copied, But Never Duplicated."

JUNIATA CO.
FARMETTE, ACREAGE OR
73 AC. FARM
AT ESTATE SALE

SATURDAY, APRIL 24

Located in eastern end of Co. near Richfield.

PARCEL #1 - 5 ac. cleared w/double dwelling & bank barn w/33 tie stalls.
PARCEL #2 - 29 ac. level, cleared w/frontage.
PARCEL #3 - 38 ac., 33 cleared, 5 wooded w/frontage.
Each parcel offered separate and then as one unit, total of 73 ac. For brochure contact:

Long Bros., Aucts.
R.D. #2, Port Royal, Pa. 17082
Ph. 717-527-4784

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT MAY 1 - 1 P M Sale of Dairy Heifers Located at Keisters' Middleburg Auction Sales Inc. Rt 522 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA Don and Walt Keister, owners. Robert Mullendore, Auctioneer

SAT MAY 1 - 1 P.M Public Sale of Cattle. Located at the Rockingham Fair Ground, Harrisonburg, VA Mason-Dixon Red Angus Association. Jim Oswald, Auctioneer.

SAT MAY 1 - 9 30 A.M 11th Annual Mt. Zion Road Church of the Brethren Consignment Sale Located at the Fredericksburg Fireman's Park, Lebanon Co

SAT MAY 1 - 10 A M Public Sale of Farm Equipment and Truck. Located in Elizabethville, Dauphin Co , PA , along Rt 209 going west toward Agway Farm Store James J Lebo, Owner George and Mike Deibert, Auctioneers.

SAT. MAY 1 - Public Sale of 2½ acre lot Located ½ mi. north of Village of Terre Hill, along Rt 897. Amos L. Martin, Owner LeRoy F Horst and Paul W Horst, Auctioneers

SAT. MAY 1 - Public Sale of Pigs. Located at Horsts Sales Building, 6 mi south of Chambersburg, PA, ½ mi. east of Marion Daryl Sheiss and Sons, Owners. Ralph W. Horst, Auctioneer.

SAT. MAY 1 12 Noon Public Sale of Antique Engines, Farm Machinery, Tools, and Cars Located taking Rt 34 approx 1 mi north of Biglerville, PA, turn right and continue .9 of a mi on road leading to Guernsey, bear left at (Y) and continue .6 of a mi to sale Merritt G Rouzer Estate C David Redding, Auctioneer.

SAT MAY 1 - 10 A M Public Sale of Antiques and Household Goods and 8 acre Wood Lot Located 8 mi. south of Lancaster along Refton Rd. or 5 mi north of Quarryville off Rt. 222. Sam F. Wiker Estate. Lloyd H. Kreider and Randal V Kline, Auctioneer

SAT. MAY 1 - 1 P.M. Public Sale of Building Lots. Located approx. 12 mi south of Harrisburg, 12 mi north of York, take exit 13 off I-83, west on Rt 382, 1½ mi. to T904 Garrison Rd , turn left and go 1 mi to parcels of land R A Lenker, Owner Dockey and Dockey, Auctioneers

SAT MAY 1 - 11 A M Public Sale of Construction Equipment and Etc Located at 9th and Church Sts , Wilmington, DE Associated Builders and Contractors of DE , Inc Rudnick Assoc , Auctioneers.

SAT MAY 1 - 9 30 A M Public Sale of Antiques and Household Goods Located along Philip Road Drive in Hillcrest View Development, one mi north of Schaefferstown, Leb Co , PA. Florence Ruth, Owner H H Leid and John H Fry, Auctioneers

SAT MAY 1 - 9 A M Public Sale of Antiques, Old Cars, Collectors Items and Personal Property. Located at R D. 7, York, PA at 296 Pleasant Acres Rd , turn north at light at Stony Brook follow road past Pleasant Acres Elwood E Boyer, Owner Jacob A. Gilbert, Auctioneer.

SAT. MAY 1- 10 A.M Inventory Reduction Sale of H.M. Stauffer & Sons, Inc , 33 Glenola Drive, Leola, PA Claude F. and V. Ronald Smith, Auctioneers

SAT MAY 1 - 11 A.M Public Sale of Farm Equipment, Tools and Misc. Located east of Frystown, Berks Co. Clarence Batdorf, Owner. Sylvan Witmer, Auctioneer.

SAT. MAY 1 - 11 A M. Public Sale of Farm Equipment, Tools and Lumber. Located approx 1 mi east of Frystown, Berks Co., Pa. Rt 645 north to blinker light at Frystown, turn right go east for approx. 1½ mi. to first farm on left or on 501 South follow detour signs which will direct you past the sale on right. Clarence Batdorf, Owner..Sylvan B Witmer, Auctioneer

SAT MAY 1 - 10 A.M Public Sale of Real Estate, Household Goods, Antiques and Car Located 2½ mi. south of New Holland, 3 mi. north of Intercourse, turn off Rt 23 in New Holland on South Custer Ave , 2½ mi. to Summetville Rd., Earl Twp , Lanc Co , PA Ivan H St and Florence V Stone, Owners Robert E and Jeffrey R Martin, Auctioneers

MON MAY 3 - 10 A.M. Public Sale of Real Estate, Located in E Hempfield, just off East State St , East Petersburg, PA. Weaver and Glick, Owners E M. Murry and Associates, Auctioneers.

WED MAY 5 - 9 A.M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave. in Leola Lancaster Co , PA Watch for sale signs. F. Snyder, R Martin, C. Wolgemuth J Fry and L Horst, Auctioneer

THURS. MAY 6 - Community Consignment Auction by the Lincoln Fire Co. Same Hackman, Auction Manager 733-2179 John E. M and Paul E Martin, Auctioneers.

THURS. MAY 6 - 5 P.M Public Sale of Antiques and Household Goods. Located along Eby Chiques Rd., Lanc. Co., PA from Rt. 283 take Salunga Exit to Prospect Rd. to Eby Chiques Rd Minnie V. Gantz, Owner C.H. Wolgemuth, Auctioneer

FRI. MAY 7 - 6 P.M. Public Sale of Dairy Heifers Located at G & M Livestock Market, Inc , Duncansville, PA Consignments welcome Sherm Glick 717-248-0960, Fred McCartney 717-349-2393, Wayne Fredericks 814-793-3370

FRI MAY 7 - 5.30 P.M. Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI MAY 7 5 P M. and SAT. MAY 8 - 9 A M Large 2 Day Antique Sale, Tools, Furniture and Glassware To be held in the Shrewsbury Fire Co Hall, ¼ mi. off Exit 1 of I-83 or about 1 block west of the square in Shrewsbury, York Co., PA Clyde Attig, owner. Sechrist Auctioneers.

SECOND ANNUAL
PUBLIC AUCTION

HARDWARE, HAND & POWER TOOLS, CHAIN SAWS, LAWN & GARDEN EQUIPMENT, AIR COMPRESSORS, WELDERS

SATURDAY APRIL 24, 1982

9:00 A.M.
Located along East Farmersville Rd., Farmersville, Pa. (Lancaster County)

From Ephrata, Pa. take Rt. 322 East to Hinkletown. First road right after traffic light in Hinkletown. East Farmersville Rd. 3 miles to sale, watch for auction signs.

DOOR PRIZES

- **1st - Bolens 22" Mulching Mower, Self-Propelled**
- **2nd - Weed Eater XR50 Trimmer**
- **3rd - SK ½" Socket Set**

All Adults who register for an auction number by 9 AM are eligible to win these door prizes. Winners must be present to win. Drawing will be held at end of auction.

NEW WELDERS
Century AC 230 AMP
Century AC 295 AMP
Century H.D AC 295 AMP
Century AC 230/DC 140 AMP
Lincoln AC 225 AMP
Lincoln AC 225/DC 125 AMP

USED WELDERS
Lincoln AC225 AMP
Forney AC 180 AMP
Marquette AC 250 AMP
Century AC 230/DC 140 AMP
Century AC 295/DC 250 AMP

WELDING RODS
250-5 LB. Packs
Assorted Sizes

USED CHAIN SAWS
Homelite XL, 10' Bar
Homelite XL2, 12" Bar
Homelite Super 2, 14 ' Bar
Homelite 150, 16" Bar
Homelite Super EZ, 16 ' Bar
Homelite 360, 16 ' Bar
Homelite 450, 24" Bar
Homelite 750, 27 ' Bar
Sears, 14" Bar
Husgvarna 61, 20" Bar
Echo 452, 16" Bar
Echo 500, 16" Bar
Echo 605, 20" Bar

25 NEW CHAIN SAWS
Echo & Homelite

NEW AIR COMPRESSORS
Sanborn 44A100-22, 1 HP
Sanborn 84A100-22, 1 HP
Sanborn 84A150-11, 1½ HP
Sanborn 104A200-22, 2 HP
Sanborn S-5242-B, 5 HP
3 phase, 80 Gal Horizontal Tank
Sanborn 10 Gal. Air Tanks

30 NEW Gasoline Trimmers Echo & Weedeater

HARDWARE
S-K Tools
Stanley Tools
Garden Hose
Gas Cans
Wood Bit Sets

20 NEW CENTURY Battery Chargers

POWER TOOLS
Rockwell Speed-Bloc Sander
Rockwell 7¼" Circular Saw
Rockwell Finishing Sander
Duracraft Band Saws
Duracraft Drill Press
Duracraft Bench Grinder
Milwaukee 4920 6 Grinder
Milwaukee 7¼ Circular Saw
Milwaukee 8¼ Circular Saw
Milwaukee 10¼ Circular Saw
Milwaukee ¼ Drill .

NEW CENTURY Oxy-Acetylene TORCH KITS

25 NEW LAWN MOWERS All Types

10 USED LAWN MOWERS Push & Self-Propelled All Reconditioned

5 NEW BOLENS Garden Tractors

FREE COFFEE & DONUTS

NOTE: WE WILL HAVE MANY, MANY MORE ITEMS TO BE SOLD NOT LISTED ON SALE BILL

Auction By
FARMERSVILLE EQUIPMENT INC.
RD 4, EPHRATA, PA 17522
717-354-4271

★ FOOD AT AUCTION ★

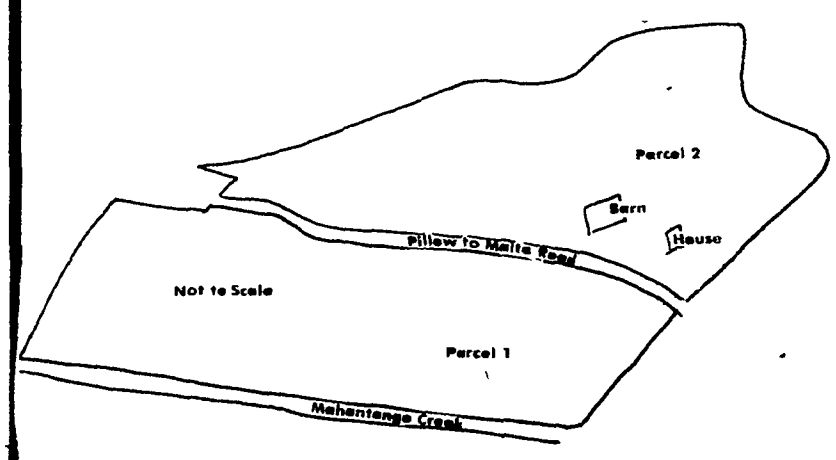
Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 - 717-733-3305 Ephrata, Pa.

TERMS: CASH, VISA, MASTERCARD, or GOOD CHECK

PUBLIC SALE

TUESDAY, APRIL 27, 1982
AT 7:00 P.M.

LOCATED APPROXIMATELY 3 MILES WEST OF PILLOW, PENNSYLVANIA OFF ROUTE 225 ALONG THE MALTA ROAD, APPROXIMATELY 40 MILES NORTH OF HARRISBURG, 20 MILES SOUTH OF SUNBURY



PARCEL NO. 1: Consisting of 43 acres, more or less, having frontage on the south along the Mahantongo Creek, having frontage on the north along SR49001

PARCEL NO. 2: Consisting of 74 acres, more or less, having frontage on the south along SR49001, having frontage on the west along Twp Road 306, having thereon erected a large bank barn, 8-room dwelling and other out-buildings

NOTE: Both parcels have wooded and tillable acreage Parcels No 1 and No 2 will be offered individually and as a unit For additional information or inspection phone 758-2758 or 758-6004

TERMS: 10% Down. Further terms and conditions to be given the day of sale.

ESTATE OF WILLIAM L. DEPPEN
ALICE M. ADAMS, EXECUTRIX

WILLIAM H. WIEST, ATTORNEY
DOCKEY & DOCKEY, AUCTIONEERS
DEPPEN, APPRENTICE

NATIONAL AUCTIONEERS ASSOCIATION NAA

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI MAY 7 Public Sale of Feeder Cattle Located near Blain Perry Co Barry Hollenbaugh Owner Long Bros Auctioneers

SAT MAY 8 Public Auction of Real Estate Household Goods Antiques and Tools by Harry H Ritter P O A for Norman F Ritter located along Main St in Stevens, Pa John E and Paul E Martin, Auctioneers

SAT MAY 8 - 9 30 A M Public Sale of Brick Home, Household Goods, Tools and Antiques Located 2 mi north of Village of Bowmansville along Rt 625 in Lancaster Co, PA Harry Sweitzer Estte LeRoy S Horst and Paul W Horst, Auctioneers

SAT MAY 8 9 30 A M Public Sale of Antiques Household Goods and Collectibles Located at 111 S Market St (rear), Ephrata, PA John H and Irene Weiler, Owners T Glenn and Timothy G Horst Auctioneers

SAT MAY 8 1 P M Public Sale of 13 acre Farmette Located along Custer Ave 1½ mi south of New Holland Daniel L and Dorothy S Stoltzfus, Owners Nevin Martin and Lewis Groff, Auctioneers

SAT MAY 8 2 P M Public Auction of Real Estate Located in the town of Gap, PA Corner of Chestnut and Reservoir Sts off Rt 41 back of Fulton Bank or from Oxford, take Rt 41 12 mi north to Gap, Salsbury Twp Terms by Ira and Ella Mast Auctioneers Lloyd H Kreider and Randal V Kline

TUES MAY 11 6 30 P M Annual Spring Heifer Sale to be held at the Green Dragon Livestock Sales Barn, RD 4, Ephrata Pa

WED MAY 12 6 30 P M Public Sale of Feeder Cattle and Pigs Located in Hagerstown MD Four States Livestock Sales

FRI MAY 14 7 P M Special Horse Sale of Horses and Mules at New Holland Sales Stables, Inc 12 miles East of Lancaster, Pa just off Rt 23, New Holland, Pa Abe Diffenbach, Manager

FRI MAY 14 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT MAY 15 9 A M Public Sale of Real Estate, Antiques, Household Goods, Tools and Coins Located along Fritztown Rd, Fritztown, Berks Co, PA Myrtle Ream Estate I Glenn Horst, Auctioneer

SAT MAY 15 2 30 P M Public Sale of Cattle Located at the farm Greensburg, PA Royal Charolais Co

SAT MAY 15 1 P M Public Sale of Cattle Located at the farm, 12 mi north of Butler, PA, on Rt 38 or 12 mi south of I 80, exit 5 Rolling Ridge Farms John Spiker, Auctioneer

SAT MAY 15 Public Sale of Weekend or Hunting Lodge Located in Juniata Co, 35 mi. northwest of Harrisburg Long Bros Auctioneers

SAT MAY 15 - 9 30 A M Public Sale of Real Estate, Antiques and Household Goods Located one block south Kleinfeltersville, along Rt 897, Leb Co, PA Grace K Hetfley, Owner H H Leid and John H Fry, Auctioneers

PUBLIC AUCTION

Associated Builders & Contractors
of Del. Inc., at 9th & Church Streets, Wilmington, Del. (Annual Sale).

SATURDAY, MAY 1
at 11:00 a.m.

Construction Equipment, Trucks, Cranes, Booms, Forklifts Metal & Woodworking Machines, Building Materials, Welders, Tools, Etc., Etc.

Consignments Being Accepted. For information & flyer & Insp. call (302) 994-6939 or 655-6593.
Rudnick Assoc., Auctioneers
(302) 764-3347

Night Sale
TUESDAY, APRIL 13
7:30 P.M.

Special Holstein Dairy Sale - To Be Held at Smoketown Quality Dairy Sales Inc., Smoketown, PA. Rt. 340, 5 m. E. of Lancaster & 5 m. W. of Intercourse.

One load of fancy Reg. & Grade cows and heifers out of New England States and Canada.

Reg. Paclamar Astronaut - 82 pts. as 2nd calf. 2 yr. 2m. 327d. 13,721m. 3.8t. 522F. 3 yr. 2 m. 282d. 12,911m. 3.9t. 499F. Dam - Romandale Dividend Performer 83 pts. - G.P. 3 records over 18,000m. 4.0t.

Reg. - Lawcrest Marvix - 1st calf heifer. Just fresh. Dam-Hill Haven Standout Job. - 2 yr. 2m. 396D - 22,907m. 3.6t. 816F. 3 yr. 3m. 365D. 20,292m. 4.0t. 802F. Next Dam-27,000m. as 3 yr. old. Grade Cow - records - 17,542m. 564F. - 19,747m. 670F. - 24,061m. 796F.

Reg. - Glenrue Radar - records - 17,557m. 4.1t. 727F. - 16,904m. 3.9t. 654F. 16,196m. 3.9t. 637F. Bred to Penmar Apollo Topper. Ex. & GM. - Sire - Daughs. Avg. 16,072m. 3.8t. 636F.

I.D. Grade Marlu Titian 1st calf Heifer - fresh - Dams records 16,375m. & 17,441m.

Grade 1st calf heifer fresh - Dams records - 15,332m. 3.9t. 594F. & 18,000m. 650F.

Grade - Fancy Red and White cow, just fresh milking 75-80 lbs.

Reg. Connerhill Ivanhoe Leader - +373m. +37F. G. Daugh. of Ivanhoe born date 2 yr. - 4m. 305D 11,910m. 4.2t. 497F. - Bred to Ca-Lill Standout Cavalier. Dam-records 15,090m. 531F. 15,080m. 501F. Granddam - 18,540m. 625F. - 20,720m. 713F.

Reg. 3 yr. A-Brigeen Attache' Granddaughter of Round OAK RAG APPLE Elevation. Daughs. Avg. 18,037m. +923m. +2F. Dams records 14,080m. 4.0t 16,470m. 3.9t. 22,750m. 4.4t. 17,280m. 4.0t. 559 to 991F. Granddam records 2 yrs. to 11 yrs. 12,430m. to over 21,120m. All Lactations tested 4.0t to 4.5t. 542F. to 864F. - Bred to Wilsondase Model.

Reg. - Simpson Apostle 4 yr. G.P. Grdtr. of Hill Top Apollo Ivanhoe. Avg. 16,081m. 3.7t. 634F. 2 yr. 7 m. 14,190m. 4.1t. 587F. Dam 2 yr. 5m. 14,430m. 3.7t. 534F.

Reg. Near-Hayden Doric Appeal Daugh. of Hill Top Apollo Ivanhoe. Avg. 16,720m. 575F. 503F. - 2nd calf 15,421m. 3.5t. 539F. Granddaughter of Apollo Ivanhoe. Dam-records 14,600m. to 16,790m. 3.7t. to 4.4t. 732F. Granddam 14,050m. 3.8t. 528F. - 14,680m. 3.7t. - 548F. - with a heifer calf by Winter Place Model T.

Reg. - Shang High Boss Citation M. 1st calf. Dam-Mookown optimist. 2 yr. 305d. 12,333m. 437F. 3 yr. 293d. 13,699m. 476F.

Grade - 3 yr. old - 276d. 15,844m. Bred to Grand Fortune. Grade - 2 yr. old Harrisburg Gay Ideal - 315d. 12,299m. 3.4t. 420F.

Other Grades with records from 14,000-17,000m.

3 Selling 3 Reg. Holstein calf's. Show Age. Sire - Fran-Martin Alan Inka. Dam Wenron Fifty-Five Rockman - 2 yr. 10m. 305d. 12,300m. Sire - Sunnylodge Fond Gavin (Canadian), Ex. Bull +7m. 3.7t.

Cows milked regular time.

Cash or good check night of sale.

Sale Managed by,
SMOKETOWN QUALITY DAIRY SALES, INC.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller, Paul Snyder, Auctioneers
Henry Kettering, Pedigrees
Lunch Bird-in-Hand Auxiliary

PLAN TO ATTEND THE

DISPERSAL OF THE POLK STATE HOSPITAL
POLK, PA

THURSDAY, APRIL 15, 1982
10 A.M. On The Farm

- 300 Registered Holsteins
- 140 Cows in all stages of lactation
- 160 Heifers from babies to Bred heifers

Some Of The Cows Selling Include:

#613	5-1	362d	27,008	3.5	932
#727	2-9	365	18,718	3.9	729
#511	4-9	305	21,499	3 8	824
#757	2-3	359	20,110	3 5	709
#602	4-5	344	21,432	4 7	1008
#608	4-3	342	16,109	4.9	785
#621	4-8	363	17,629	4 7	827
#398	7-8	337	20,674	3.7	756
#552	5-6	361	21,210	3 6	762
#581	4-5	344	22,957	3.8	868
#661	3-10	354	15,531	5.2	807
#681	3-8	356	19,548	4.5	886
#519	5-4	351	22,226	4.1	915
#562	4-0	305	22,035	3.5	778
#563	5-5	334	20,811	3.7	767
#575	4-6	362	24,413	3.4	883
#588	4-4	354	24,526	4.1	1014

In all 41 cows selling with over 700F. Many cows selling with over 20,000M. 11 cows with indexes over +1,000. Many 2 yr. olds making over 600F. Foundation sires for the herd are Osborndale Ivanhoe, Burkgov Inka DeKol, Sunnyside Standout, Whilhill Kingpin, Hilltop Apollo Ivanhoe and many others.

Sires represented with descendents are Chief, Astronaut, Glamour Boy, Ivanhoe, Kingpin, Burkgov, Standout, Conductor, and other bulls from Atlantic, Sire Power, Select, Tri-State & others.

The heifers are well grown and there are several here that could stand some competition in the show ring. 3 or 4 real fancy senior calves with good pedigrees.

The VG cows selling are 19108M 3.7% 722F. Last Classification 10VG 47GP 51G 14F 5P. R.H.A. 135 cows 14,762M 3.8% 566F.

If you need high producing cows & fancy heifers with exceptional pedigrees, then be with us sale day.

Terms: Cash. Settlement must be made day of sale. Nothing removed until settled for.

For catalogs or information:

Mike McGovern
Box 175
Amowosa, Iowa 52205
319-462-2771

Irvin Myers
1405 E. 24th St.
Sterling, Ill.
815-626-4287

Public Sales Register

Closing Date - Monday, 5.00 P M
of each week's publication

WED MAY 19 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI. MAY 21 12 Noon Public Sale of Dairy Heifers Located at Dry Run, PA. Fred and Mike McCartney, Owners 717-349 2393. 717-349-7752

FRI MAY 21 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI MAY 21 - 6 30 P M Consignment Sale of Cat tle and Feeder Pigs Keister s Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selin sgrove, Pa Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers

SAT MAY 22 10 A M Grade Heifer Sale at the New Holland Sales Stables, Inc , 12 miles East of Lancaster, Pa just off Rt 23, New Holland, Pa Abe Diffenbach, Manager

SAT MAY 22 9 A M Public Sale of Household Goods, Antiques, Tools and Lawn & Garden Equipment Located ap prox 1 mi north of Stewartstown and 2/10 mi off Rt 24 along Lowe Rd , York Co , PA. Terms by Ida Mae Hersey Robert Sechrist Auctioneer

SAT MAY 22 9 A M Lebanon Valley Christian School Consignment Sale Located north of Myerstown Sylvan Witmer, Auctioneer

SAT MAY 29 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

JUNE

WED JUNE 2 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI JUNE 4 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 5 - 10 A M Special Purebred Heifer Sale at New Holland Sales Stables, Inc , 12 Miles East of Lancaster, Pa just off Rt 23, New Holland, Pa Abe Diffenbach, Manager

FRI JUNE 11 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

WED JUNE 16 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA. Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI JUNE 18 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 18 6 30 P M Consignment Sale of Cat tle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selin sgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

SAT JUNE 19 - 10 A M Benefit Auction for the Ephrata Mennonite School Ernest M Stauffer Auction Manager 733-3763 John E and Paul E Martin, Auctioneers

FRI JUNE 25 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

JULY

WED JULY 7 9 A.M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI JULY 16 - 6 30 P M Consignment Sale of Cat tle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selin sgrove, Pa Don & Walt Keister Owners, Ray Long & Dave Imes Auctioneers

WED JULY 21 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA. Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI JULY 23 - Public Sale of Cattle Located at Ft Louden, Franklin Co , PA, along Rt 30, Parnell Mt S Minor Robinson, Owner Ralph W Horst, Auctioneer

SAT JULY 31 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

AUGUST

WED AUG 4 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

WED AUG 18 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA. Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

SEPTEMBER

WED SEPT 1 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA. Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

WED SEPT. 15 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R. Martin, C Wolgemuth J Fry and L Horst, Auctioneer

OCTOBER

SAT OCT 2, 1982 - Wesson's 'Spirit of '82' Sale, at the Wesson Charolais Ranch Koshkonong, Missouri

WED. OCT 6 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

MON OCT 11 - Hubert Charolais Ranch Production Sale Located at the ranch, Monument, Kansas Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

WED OCT 20 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

MON OCT 25 - Shallow Creek Charolais 20th Anniversary Production Sale At the ranch, Fort Sumner, New Mixico Dennis and Jane Adams, Owners, Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067, Sale Manager, Garey Cattle Sales, Inc

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DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

PUBLIC CONSIGNMENT AUCTION

SATURDAY, APRIL 17
10:00 AM SHARP

The sale will be held at the White Pine United Methodist Church, approximately 20 miles North of Williamsport. At Fry's Turkey Ranch turn onto Rte. 184 to White Pine, Lycoming County. Follow Auction Signs.

Anyone interested in consigning any kind of farm machinery, tools, construction equipment, tractors, trucks, cars, garden equipment, or livestock; please call Max Harlan (717) 634-2641.
The Nut & Bolt man from Blue Ball, Pa., will be there with nuts, bolts, and steel.
All profits will go to the White Pine United Methodist Church Building Fund!!

Auctioneer-Perry L. Reed,
R.D. #2, Muncy, Pa. 17756
Phone (717) 584-5254

SPECIAL NIGHT SALE

Quality Holsteins
MELVIN KOLB, INC.

THURSDAY, APRIL 15
7:30 P.M.

LOCATION: At my Maryland Farm, located ½ mile northwest of Woodsboro, on Route 550, in Frederick County.

150 HEAD OF PUREBRED & GRADE DAIRY COWS

These cows were selected from the better herds from 6 or 7 states. There will be 40 or more head of Purebreds from 2 to 5 years old, close or fresh. Several will be classified with DHIA records. Also, there will be some fancy Purebred first class heifers.
We have 2 loads of grades; big, powerful milk cows that will increase your herd production. One load is from Wisconsin and one load from the East. There is also 1 load of top cows from Western Pa.

SPECIAL MENTIONS

A PACLAMAR DOUBLE TRIUNE dau. bred to Kingway Elevation Very, due at sale time, dam VG-87, 292d 19,360m 729f; a fancy SIMPSONS APOSTLE dau. 4 yrs. old with EX udder due by sale time; a 2 yr. old BISMAY ASTRO JUPITER dau. due in April; a LAWCREST MARVEX dau. 3 yrs. old at 1-11 16320m 631f, fresh again milking 78 lbs., dam VG & gran dam EX with high records; a SAGESER CHIEF ASTRONAUT dau. bred 11/11/81 to Char Sam Elevation Pabst, dam GP-83 in 286d 17150m 609f, gr. dam VG 290d 19280m 647f; great gr. dam VG-87 305d 24640m 892f; a C TAMLANE ROCKMAN SENATOR bred 11/10/81 to Hillhaven Standout Job, dam GP 338d 20703m 684f, gr. dam GP 305d 18850m 506f, next dam VG; a LAWCREST MARVEX dau. bred 11/18/81 to Cumva Proud Performer, dam GP in 305d 22720m 777f, gr. dam in 363d 24814m 954f, great gr. dam in 324d 19765m 784f; a WALKER-FARM ASTRONAUT DENNIS dau. bred to 11/4/81 to Arlinda Jet Stream, dam in 305d 18970m 569f; a PENMAR APOLLO TOPPER dau. GP, dam in 368d 23629m 773f, gr. dam in 305d 21700m 833f, next dam in 305d 18570m 604f; a fresh LE-DEL IDEAL SUPERIOR dau., dam in 270d 15980m 682f; a fancy KILINSDALE IVANHOE JACK dau. due in June.
FARMERS: Please spend an evening with us on Thursday, April 15th at 7 30 p.m., and go home with some quality dairy cows.
FREE LUNCH FOR ALL DAIRY FARMERS.
FREE TRANSPORTATION FOR LANC. CO. AMISH—Please call 569-2106 or 569-6800 for a ride to the Sale.

MELVIN KOLB, Sale Manager
ROBERT MULLENDORE, Auctioneer
HENRY KETTERING, Pedigrees
PA FARM: Dennis Kolb, Manager
(717) 569-2106 or 569-6800
MD FARM: Thomas Miller, Manager
(301) 898-7720

TOM PRZYSIECKI
MILKING HERD & BRED HEIFER DISPERSAL
Schohaire, N.Y.
FRIDAY, APRIL 16
11:30 A.M.

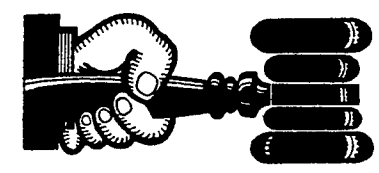
Sale held at Central Bridge Sales Arena, Central Bridge, N.Y.
Take I-88 from Binghamton approx. 100 miles N.E. Exit at Rt. 30A at Central Bridge, Turn L off the ramp on Rt. 30A. Rt. 30A is the next left and go 2 miles to Central Bridge - Turn Right on Rt. 30A at the caution light - Go 2 miles.

130 EASTER A.I.
SIRED HOLSTEINS BO

87 Cows - 43 Bred Heifers (32 1st calf heifers)
DHIA AVE. 18,414M 3.6% 654F.
25 1st calf heifers average projection 21,121M 739F.
47 Cows selling with 20,000M on projected to 20,000M. Cows selling with records to 25,900M.
Cows and heifers can be identified by sire.
Cattle blood tested & TB tested for immediate interstate shipment.

Selling With The Herd:

Stainless Steel Bou-Matic Pipeline, 2 inch, approx. 460 feet, 7½ h.p. Vacuum pump 125 CFM, 6 milking units & washing sink, Girton 1240 gal. bulk tank w/5 hp. Dunham Bush Compressor w/Klangade Washer.
Walt Wagner, Sales Org.
Central Bridge, N.Y. 12035
Phone 518-868-4571



AUCTIONEER'S DIRECTORY

AUCTIONEERS
JOHN E. MARTIN
Ephrata, Penna.
717-733-3511
AND
PAUL E. MARTIN
Stevens, Penna
717-733-3305
Professional Auction Service

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

AUCTIONEERS
FRANK & PAUL SNYDER
Livestock, Farm Equipment, Household Goods, Antiques
No sale too small or too large
717-859-2688
717-733-7052

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Member of
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RANDAL V. KLINE
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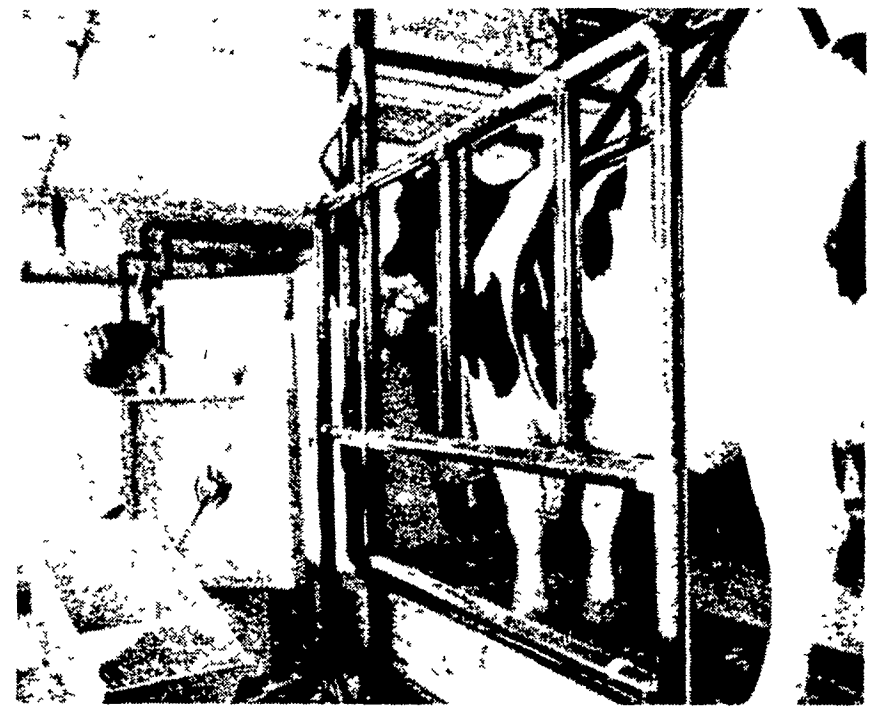
DAIRY RESEARCH

Since 1928 Purina has conducted continuous Dairy research at the Purina Research Farm near Gray Summit, Missouri. Purina's reputation for leadership in Dairy research stems largely from advanced research techniques and methods used by Purina Dairy scientists.

Digestation Studies in the Metabolism Unit Help Lead To New and Improved Milking Rations.

Both basic and applied research are part of Purina's Dairy research program. One important facility at the Dairy Research Center is the six cow Metabolism Unit. Here daily feed and water intake, as well as milk production, are carefully measured along with total excrement. These measurements enable Purina scientists to study the cow's digestion and accurately determine the nutritional value and utilization of feed ingredients. Data from this research is especially valuable in developing new and improved High Performance Milking rations.



Fistulated Cows Furnish Information Vital to Improved Feed Efficiency and Top Performance.

The removable "window" or fistula in the side of the cow in the metabolism stall was inserted surgically and painlessly allowing the cow to calve and function normally. Laboratory analyses of rumen samples taken through the opening provide a broad range of vital data used in studying rumen microorganisms and their influence on such functions as protein synthesis, fermentation, butterfat production and forage utilization.

Information from these studies helps Purina scientists develop rations that make more efficient use of feed ingredients for maximum income over feed cost.

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